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# DREER'S GARDEN CALENDAR 1872.

PHILADELPHIA.





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# DREER'S GARDEN CALENDAR

FOR  
1872.

DESIGNED TO FURNISH BRIEF DIRECTIONS

FOR THE

CULTIVATION AND MANAGEMENT

OF THE

VEGETABLE AND FLOWER GARDEN.

---

ILLUSTRATED WITH ENGRAVINGS.

---

CONTAINING

SELECT LISTS OF SEEDS AND PLANTS.

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HENRY A. DREER,  
SEEDSMAN AND FLORIST, No. 714 CHESTNUT STREET,  
PHILADELPHIA.

## DIRECTIONS TO CORRESPONDENTS.

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Much trouble, delay and disappointment may be avoided by observing the following directions:

1st. Be particular to write your name *distinctly*, with Post Office, County and State: orders are frequently received without even a signature. We have quite a number of such orders now on hand, that contained small amounts of money, which we are unable to fill for want of an address, and no doubt the parties who sent them consider themselves badly swindled. We would therefore request all who remit, and do not receive the articles ordered within a reasonable time, to notify us of the fact.

2d. Write out your orders legibly, in a list apart from the body of the letter, and in case of plants, specify if any varieties may be substituted when not on hand. Amateurs not conversant with the varieties will not suffer by leaving the selection to us, as we will, in such cases, make the best possible selection.

3d. It is requested that explicit directions be given for marking and shipping packages. Where no specific directions are given, we shall use our best judgment as to the route and mode of conveyance; it should, however, be expressly understood, that *all packages are at the risk of the purchasers after their delivery to the forwarders.*

4th. All orders from unknown correspondents must be accompanied by cash, a draft, or P. O. order, or instructions to *Collect on Delivery* by Express. In making a remittance, the purchaser will please be particular and send a sufficient amount to cover the order. When only a part of the amount is remitted, goods will be sent by Mail only to the amount of the remittance. When sent by Express, we will collect the balance on delivery of the goods. We have been compelled to adopt this rule, (except to old and well-known correspondents,) on account of the inconvenience of collecting small balances at the close of the season, and the difficulty of keeping such accounts.

5th. Purchasers are requested to notify us promptly of any errors which may have occurred in filling their orders, as it is our desire to give entire satisfaction.

6th. For information as to mailing of Seeds, see page 9.

In conclusion, we would state that the usual care will be observed in putting up all orders, large or small, to give full satisfaction to the purchaser, in the quality of the article, as well as in the manner of packing and forwarding.

HENRY A. DREER,

*Seed Warehouse, 714 Chestnut Street, Philadelphia, Pa.*

*Nursery and Seed Farm, Riverton, N. J.*



## To our Patrons.

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WE herewith present

### *Dreer's Garden Calendar for 1872,*

containing select lists of seeds, plants, small fruits and other requisites of the garden. One feature of our Catalogue is this, it is not a compilation made up from Foreign catalogues, or Botanical works, containing innumerable varieties unsuited to our climate, or without any special merit, but presents a list of everything that is desirable, and of the stock we actually possess at the time of its publication, the best in every department, and which we flatter ourselves a practical knowledge and experience of over thirty years enables us to give.

#### OUR SEED DEPARTMENT

Is one of the most complete in America, occupying the large and beautiful four-story building,

No. 714 CHESTNUT STREET,

which has been fitted up and arranged expressly for the business. Here, in addition to our extensive wholesale trade, is conducted the largest retail in the city, not only with our tens of thousand patrons, scattered over the entire Union, who yearly obtain their supplies either by mail or Express, but also with our *Home Customers*, among whom we have the pleasure of including the leading market gardeners, florists, and amateurs.

The advantages of sending to head-quarters for seeds must be apparent to every one who has occasion to use but a few papers, as the garden seeds usually kept at country stores are mostly unreliable, being known as *commission seeds*, put up to sell, regardless of quality or freshness, or purchased for their *cheapness*, the purchasers finding in most cases more paper than seed for their money, or seeds that are utterly worthless.

#### OUR SEEDS ARE FRESH AND GENUINE.

No seeds of a doubtful character are permitted to leave the establishment, and purchasers are sure of obtaining the full value for their money, as our prices upon comparison with other catalogues will be found unusually reasonable; and all garden seeds (*excepting Beans, Peas, Corn and other bulky articles of little value*) will be forwarded by mail, *post-paid* by us, at the prices quoted in this catalogue.

As a further inducement we offer the following liberal premium on all Vegetable and Flower seeds ordered in packets:

For \$1.00,	Seeds in packets,	can be selected to the amount of \$1.10
" 2.00,	"	" " " 2.25
" 3.00,	"	" " " 3.50
" 4.00,	"	" " " 4.75
" 5.00,	"	" " " 6.00
" 10.00,	"	" " " 12.50

The following are extracts from only a few of the many complimentary letters we are constantly receiving from our patrons.

*From Rev. J. D. Beard, Coloma P. O., Carrol Co., Mo., February 13, 1871.*

The seeds we had from you last season were all that seeds could be; notwithstanding the dry unfavorable season, I think they all grew. Our cabbage was the admiration of every one. It was large, tender, and solid, and it was all the good cabbage in the community. We get better seeds from you than from any other seedsman.

*From Mrs. L. K. Kinsey, Carrollton, Mo., March 14, 1871.*

I have gone to the trouble of soliciting for you, and recommending you to all my friends. I am fully satisfied with what you have sent heretofore, and in the variety of catalogues that have appeared here I am free to say that I consider yours the best, with the most moderate prices.

*From Mrs. V. A. Russell, Midway P. O., Hot Springs Co., Ark.*

Last spring I forgot to send to you for my garden seed, and consequently have no garden. I sowed three times the amount of seed I sowed the spring before, and have no vegetables, and when I procured my seed from you, I had enough for myself and neighbors. It has learned me a lesson I shall not soon forget.

*From Annie E. Wilson, Northfield, Rice Co., Minn., March 5, 1871.*

The Cassaba melon done splendidly in our Minnesota climate, grew very large, tender and very sweet. The Giant Wax Beans also, the pods growing a foot in length, very prolific and stringless, pods remaining clear and tender until frost.

*From Mrs. James Boyle, Rock Island, Ill., July 30, 1871.*

... As for the vegetables, my friends and family acknowledge they never saw such either for taste or beauty.

*From Amory Coffin, Phoenixville, Pa., September 18, 1871.*

I take the opportunity of giving expression to my thorough satisfaction with the quality of those you furnished me with last spring, which have provided my family throughout the summer with the finest of vegetables. The Hanson Lettuce in particular being the very best of its kind that I have ever seen.

*From W. S. Thorn, Max Meadows, Wythe Co., Va., March 27, 1871.*

I have yet to find anything wrong or different from what called for.

*From E. A. Kniskern, Carlisle Centre, Scho. Co., N. Y., August, 1871.*

I am well pleased with the success I have had with your seeds, and shall recommend them to all my friends.

*From E. D. Marion, Denver, Colorado Ty, July 6, 1871.*

The choicest and best seeds I ever received came from your establishment.

*From C. F. Taeubner, Gardener, Glasgow, Mo., August 28, 1871.*

The vegetable seeds were to my highest satisfaction. I never had a finer vegetable garden to take care of before, and our lawn flowers won the admiration of everybody.

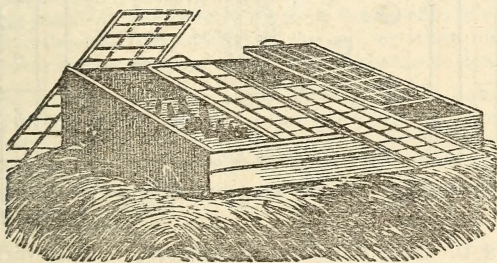


## VEGETABLE GARDEN.

**PREPARATION OF THE GROUND.**—To secure a fair return in seasonable crops, for the labor and outlay invested, it is essential that the soil of the Vegetable Garden should be well *under-drained, thoroughly trenched or subsoiled, and enriched by a judicious application of fertilizing material*. It is still the current opinion, based on experience, that for all purposes, well composted *barn-yard manure*, when available, is the best material. We do not deny, however, that several of the concentrated manures, now manufactured, are useful and convenient, especially for a succession of crops.

The exposure of a garden has much to do with the early maturity of the crops; an exposure to the morning sun is desirable. The soil must be in a friable state to secure the prompt vegetation of the seeds, and the destruction, or rather, prevention of weeds, is one of the most desirable results of frequent stirring of the surface. Soils are susceptible of alteration and improvement in texture; heavy clays can be rendered open and porous, and light sandy soils may be consolidated and rendered more retentive of moisture. For all such details we must refer the amateur to more extensive treatises on these subjects.

**GARDEN REQUISITES.**—There are several aids to the economical management of the garden, which are almost indispensable; one of these is the **HOT-BED** frame for the forwarding of plants for early planting. A frame, such as is shown in the cut, may be made of vari-

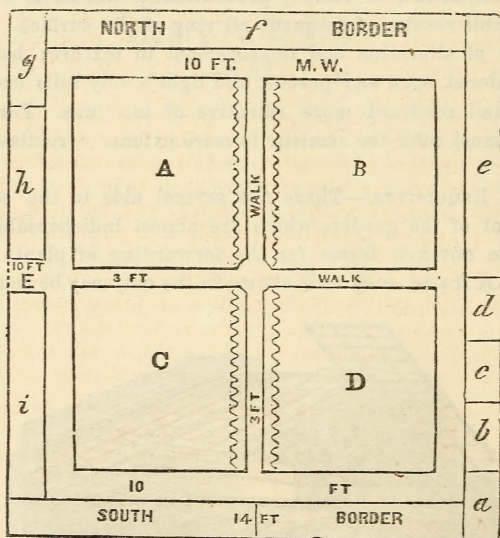


ous sizes, according to the size of garden, from four sashes upwards. The length of sash is generally seven feet, by three and a half wide, the size of glass six by eight inches, making the entire frame of four sashes, fourteen by seven feet. The frame should have a southern or southeastern exposure, should be made up with fresh horse manure and a

few leaves mixed with it: this must be laid in a heap preparatory to being used, and when in a proper state of fermentation, prepared for the reception of the frame. A few inches of rich loamy soil must be spread over the manure, then cover the frame with the sashes and after standing a few days to allow the rank heat and steam to pass off, the seed can be sown. Where the ground is well drained, a better plan is to dig out a space the size of the frame, from one to two feet deep, according to the season and the heat required, in which the manure is placed, care being taken to pack it firmly and evenly.

In addition to the Hot-bed frame, mats or shutters will be required to cover the sash during cold days and nights. To work the garden, the necessary implements—spade, fork, shovel, rakes, hoes, trowel, garden-line and reel, watering pot, and wheelbarrow are the most important.

ROTATION OF CROPS.—We are convinced of the importance of a regular rotation of the Esculent crops. To convey the idea briefly, we present a diagram of the garden as laid out to secure this result.



A, B, C & D. Four compartments in which to plant various crops, alternately, *a* to *i*, small compartments round the border for nursing plants, sweet herbs, and setting out permanent beds of Asparagus, Artichoke, Rhubarb, &c. The border facing South, should be protected on the North side by a close board fence or wall, and will be found useful for sowing early Radish, Lettuce, Beets, &c., and setting out Tomatoes, Egg-plants, &c. The waved line represents a grape trellis; the entrance is at E. This plan may be carried out in a garden of greater or less extent.



## *Remarks on the Failure of Seeds.*

"From a conviction that the Seedsman's fair reputation is often unjustly defamed, through the failure of seeds, we would with brevity state some of the causes:

1. That some cultivators, through ignorance or forgetfulness of the fact, that the products of a garden being natives of various soils and climates, require peculiar management, deposit their seeds in the ground at an improper season. To aid such, we have prepared brief directions, founded on practical experience in the vicinity of Philadelphia, where gardening operations are generally commenced early in March. These directions may, however, be applied to all other parts of the United States, by a *minute observance* of the difference in temperature.

"Thus, to the North, the directions for March will apply to April; and at the South, to January, February or whatever season gardening operations may commence in the respective States. The early and most hardy species and varieties should not be planted until the ground can be brought into good condition, as some species of plants that in an advanced stage of growth will stand a hard winter, are often cut off by a very slight frost while young, especially if exposed to the sun after a frosty night.

"2. That some species of seeds, such as Beans, Beet, Cabbage, Lettuce, Radish, Salsify, Turnip, &c., being from their nature, apt to vegetate quickly, are often destroyed while germinating, through variability of the weather, and some are liable to be devoured by insects in forty-eight hours after they are sown, and before a plant is seen above ground, unless a suitable remedy is applied in time to annoy the insects.

"3. That some species, as Carrot, Celery, Leek, Onion, Parsley, Parsnip, Spinach, &c., being naturally of tardy growth taking (in unfavorable seasons) from two to three or four weeks to vegetate, are apt to perish through incrustation of the soil, or other untoward and unaccountable circumstances, which cannot always be controlled.

"4. That the failures often occur through Seeds being deposited too deeply in the ground, or left too near the surface. Sometimes, for want of sufficiency of Seed in a given spot, solitary plants will perish, they not having sufficient strength to open the pores of the earth, and very frequently injudicious management in manuring and preparing the soil will cause defeat."

For instructions on these and any other subjects of Gardening, the reader is referred to "Bridgeman's American Gardener's Assistant," or "Burr's Garden Vegetables."

*Extract.*—"Some Gardeners raise Egg Plants, &c., in the same hot-bed frame with Cabbage, and such other half hardy plants as require air every mild day; by such management one or the other must suffer for want of suitable aliment—*heat* being the principal food of tender plants, and *air* that of the more hardy species.


## ESTIMATE OF SEEDS

To Stock a Large Kitchen Garden

WITH A FULL SUPPLY THROUGHOUT THE SEASON.

2 oz. <i>Asparagus</i> .	2 oz. <i>Lettuce</i> , three varieties.
4 qts. <i>Beans Dwarf or Snap</i> .	4 " <i>Melons</i> , assorted.
1 " " <i>Large Lima</i> .	1 " <i>Nasturtium</i> .
6 oz. <i>Beet</i> , early and late var.	2 " <i>Okra</i> , Dwarf.
1 " <i>Borecole or Kale</i> .	2 " <i>Onion</i> , two varieties.
$\frac{1}{2}$ " <i>Broccoli</i> , Purple Cape. *	2 qts. " <i>Sets</i> .
$\frac{1}{2}$ " <i>Brussels Sprouts</i> .	1 oz. <i>Parsley</i> , Extra Curled.
1 " <i>Cabbage</i> , two early var.	2 " <i>Parsnip</i> , Large Sugar.
$\frac{1}{2}$ " " <i>Savoy</i> .	2 qts. <i>Peas</i> , Dreer's Extra Early
$\frac{1}{2}$ " " <i>Red Pickling</i> .	1 " " <i>Tom Thumb</i> .
2 " " <i>Late Drumhead</i> .	2 " " <i>Blue Imperial</i> .
4 " <i>Carrot</i> , two varieties.	1 " " <i>Eugenie</i> .
$\frac{1}{4}$ " <i>Cauliflower</i> , early.	1 " " <i>Black-eye Marrowfat</i>
1 " <i>Celery</i> , white and Red.	2 " " <i>Champion of England</i>
2 " <i>Corn Salad</i> .	2 oz. <i>Pumpkin</i> .
1 qt. <i>Corn</i> , extra early sugar.	6 " <i>Radish</i> , early and late.
2 qts. " <i>Stowell's Evergreen</i> .	2 " <i>Salsify</i> , Oyster Plant.
2 " " <i>Large Sugar</i> .	4 " <i>Spinach</i> , Round Savoy.
1 oz. <i>Cucumber</i> , early and late.	2 " <i>Squash</i> , assorted.
2 " <i>Cress or Pepper Grass</i> .	$\frac{1}{2}$ " <i>Tomato</i> , two varieties.
$\frac{1}{4}$ " <i>Egg Plant</i> , Large Purple.	2 " <i>Turnips</i> , " "
$\frac{1}{2}$ " <i>Endive</i> , Curled.	1 paper each: <i>Pepper</i> , <i>Sage</i> , <i>Sweet</i>
1 " <i>Kohlrabi</i> , early and late.	<i>Marjorum</i> , <i>Thyme</i> , <i>Lavender</i> ,
1 " <i>Leek</i> , Large Flag.	<i>Summer Savory</i> , <i>Sweet Basil</i> .

Other varieties of equal value may be substituted, if desired.

 The above assortment will cost \$20.00 ; one half of the above quantities, \$10.00 ; an assortment for a small garden, \$5.00.

The following table may be useful to the gardener, in showing the number of plants or trees that may be raised on an acre of ground, when planted at any of the under-mentioned distances.

Distance apart.	No. of Plants.	Distance apart.	No. of Plants.
1 foot - - - - -	43,560	9 feet - - - - -	537
$1\frac{1}{2}$ " - - - - -	19,360	12 " - - - - -	302
2 " - - - - -	10,890	15 " - - - - -	193
$2\frac{1}{2}$ " - - - - -	6,969	18 " - - - - -	134
3 " - - - - -	4,840	21 " - - - - -	98
4 " - - - - -	2,722	24 " - - - - -	75
5 " - - - - -	1,742	27 " - - - - -	59
6 " - - - - -	1,210	30 " - - - - -	48



# SELECT LIST

## OF

# VEGETABLE SEEDS,

Embracing all the leading varieties suited to the wants of the Market Gardener, as well as for the Family Garden. The great facilities now offered for sending seeds by mail, enable all who desire fresh and genuine seeds to send directly to the grower. We will mail all Vegetable and Flower seeds, *post-paid*, that are quoted in this catalogue, *except* Beans, Corn, Peas, Potatoes, and other roots, Onion sets, Grass and Field seeds, for which 16 cents per quart, or 8 cents per pound, must be added for postage. If omitted, an amount equivalent to the postage will be deducted from the quantity ordered.

For the convenience of persons who wish but small quantities, the seeds are put up in packets of five, ten, and twenty-five cents each. Those quoted from thirty cents to one dollar per oz., in not less than ten cents packets; over one dollar per oz., in packets of twenty-five cents each. Beans, Corn, and Peas, in not less than ten cents packets.

## ARTICHOKE.

*Artichaut*, FR. *Alcachofa*, SPAN. *Artischoken*, GER

LARGE GREEN GLOBE, per oz. 50 cts.

Plant the seeds early in April, in rich soil, in drills one inch deep, and about twelve inches apart. When one year old transplant in well-manured ground, in rows five feet apart, and two feet from plant to plant. Protect during the winter by throwing up ridges of earth, and covering with manure or leaves.

## ASPARAGUS.

*Asperge*, FR. *Esparrago*, SPAN. *Spargel*, GER.

LARGE GREEN, per oz. 10 cts. LESHNER'S MAMMOTH, per oz. 20 cts.

CONOVER'S COLOSSAL, per oz. 30 cts.

Sow in March or April, in rich soil. Soak the seed in warm water for 24 hours. Drill it thinly in rows a foot apart. When two years old, transplant into permanent beds, which should be well and deeply manured. Set out the plants from three to four feet apart each way, and six inches deep. On the approach of

winter clear off the bed, and cover with a dressing of manure, or compost; fork up the beds early in the spring, and apply a dressing of salt annually to the bed, after the season of cutting—which is not only beneficial to the plants, but will keep the bed clear of weeds.

### BEANS,—English Dwarfs.

*Fève de Marais*, FR. *Haba*, SPAN. *Puffbohnen*, GER.

EARLY MAZAGAN, per qt. 40 cts. GREEN LONG POD, per qt. 40 cts.  
BROAD WINDSOB, “ “ 40 “ HORSE, “ “ 40 “

To succeed well, these must be planted early, as the summer heat causes the blossoms to drop off prematurely, being quite hardy. Plant early in March, in strong loamy soil, in drills two feet apart.

### BEANS,—Dwarf, or Snap-Short.

*Haricot*, FR. *Frijoles*, SPAN. *Buschbohnen*, GER.

EARLY MOHAWK, per qt. 40 cts. WHITE KIDNEY, per qt. 30 cts.  
EARLY CHINA RED EYE, 40 “ REFUGEE, 30 “  
EARLY YELLOW SIX WEEKS, 40 “ NEWINGTON WONDER, 30 “  
RED SPECKLED VALENTINE, 40 “ TURTLE SOUP, BLACK 30 “  
RED FRENCH or MARROW, 40 “ WHITE MARROWEAT, 30 “

DWARF GERMAN WAX—early, fine and tender, per qt. 50 cts.

All the varieties of this class are tender and will not bear the cold. The Mohawk is considered the hardiest, and is generally the first planted. The Valentine and Newington Wonder, are, however, the favorite varieties in this market, the pods being round and stringless. Plant about the middle of April, and at intervals throughout the season, for a succession, finishing about the end of July. The best mode of culture is in rows two feet apart and the beans two or three inches apart. Keep well hoed and draw the earth up to their stems.

### BEANS, Pole or Running.

*Haricot a rames*, FR. *Stangen Böhnen*, GER.

LARGE LIMA, per qt. 50 cts. CRANBERRY, per qt. 50 cts.  
CAROLINA LIMA, “ 50 “ HORTICULTURAL, “ 40 “  
SCARLET RUNNER, “ 50 “ GERMAN WAX, “ 60 “  
WHITE DUTCH RUNNER, 50 “ DUTCH CASE KNIFE, “ 50 “

NEW GIANT WAX BEAN, per quart, \$1.00.

Plant about the middle of May. The Lima Beans are very susceptible of cold and wet, and apt to rot in the ground, and should not be planted until the season is favorable and the ground warm. Fix poles in the ground, four feet apart each way, and plant four to six beans about an inch deep around each pole. A shovel-full of rich, light and well rotted compost to each hill would be beneficial. They may be forwarded much earlier by sprouting them in a frame, under glass, and planting them out when the weather becomes mild, as they bear transplanting without any difficulty. The Horticultural and German Wax Bean are superior varieties, either as snap shorts or shelled.

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For Beans by the bushel, see page 33.

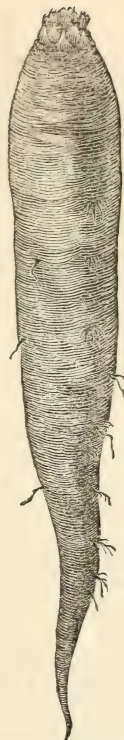




Simon's Ex. Early Red  
Turnip Beet.



Early Scarlet Horn  
Carrot.



Long Blood Red Beet.



Brussels Sprouts.



Early Short Horn Carrot.

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For New Vegetables, see page 30.

## BEET, 10 cts. per oz.

*Betterave*, FR. *Bettaraga*, SPAN. *Rothe oder Runkel rübe*, GER.

EXTRA-EARLY BASSANO.	LONG SMOOTH BLOOD, or (RADISH
SIMON'S EX. EARLY RED.	SHAPED.)
EARLY BLOOD-RED TURNIP.	SWISS CHARD,
HALF LONG BLOOD.	SILESIAN, or SUGAR.
LONG BLOOD-RED.	LONG RED MANGEL WURTZEL.

YELLOW GLOBE MANGEL WURTZEL.

The first five named, are esteemed the best for table use. Sow in drills from April to June; thin out the plants to stand six or eight inches apart in the drills. The leaves of the Swiss chard are used as Spinach and the mid-rib of leaf dressed as Asparagus. The last three named varieties are used principally for feeding stock, and where extensively grown, the rows should be wide enough apart to cultivate with a horse hoe.

## BORECOLE.

*Chou vert*, FR. *Berza*, SPAN. *Kohl*, GER.

DWARF GERMAN KALE, per oz.	20	SCOTCH KALE,	per oz.	10 cts
TALL GERMAN KALE,	"	25 RED, or PURPLE KALE,	"	25 "

An excellent green for Winter and Spring use. Sow from May to June. Set out the plants in July, in good rich ground. For early Spring use, sow the *Dwarf German*, in September, and protect over Winter, with a covering of Straw or litter.

## BROCCOLI.

*Brocoli*, FR. *Broculi*, SPAN. *Spargel Kohl*., GER.

EARLY PURPLE CAPE, per oz.	75 cts.	EARLY WHITE CAPE, per oz.	1.00.
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Produce heads in Autumn like Cauliflower. The Cape varieties are best adapted to our climate. Sow about the middle of May, transplant and manage as Winter Cabbage.

## BRUSSELS SPROUTS, 30 cts. per oz.

*Chou de Bruxelles*, FR. *Rosenkohl*, GER.

Produces from the stem small heads, resembling Cabbage in miniature. The sprouts are used as winter greens, and become very tender when touched by the frost. Sow in May, transplant, and manage as winter Cabbage.

## CARDOON.

*Cardon*, FR. *Cardo*, SPAN. *Kardonnen*, GER.

LARGE SOLID STALKED, per oz. 60 cts.

Is much cultivated in Europe for culinary purposes. The stem of the leaves, which are thick and crisp, after being blanched, are the eatable parts, and are generally used in soups or stews. They are in perfection during the autumn and winter. Sow in April; and transplant in trenches of well manured ground; blanch by earthing up in the fall



## CABBAGE.

*Chou Pomme*, FR. *Repollo*, SPAN. *Kopf-Kohl*, GER

EARLY YORK,	per oz.	25 cts.	RED DRUMHEAD,	per oz.	40 cts.
EARLY OXHEART,	"	30 "	RED DUTCH FOR PICKLING,	30 "	
EARLY SUGAR LOAF,	"	30 "	LARGE LATE DRUMHEAD,	30 "	
EARLY ENFIELD MARKET,	"	25 "	LARGE FLAT DUTCH,	30 "	
LARGE EARLY YORK,	"	30 "	LARGE BERGEN,	30 "	
EARLY WINNIGSTADT,	"	40 "	EARLY DWARF SAVOY,	30 "	
EARLY WAKEFIELD,	"	50 "	GREEN CURLED SAVOY,	30 "	
EARLY DWARF DUTCH,	"	25 "	LARGE DRUMHEAD SAVOY,	30 "	

The first column contains the early sorts, which may be raised as follows: Sow the seed in well prepared ground, about the 15th of September. When the plants are large enough to transplant, pick them out of the seed bed, into frames. Protect the plants during severe weather, with a covering of boards, observing to give them plenty of air and light during mild weather. They may also be raised by sowing the seed very early in the spring, in hot-beds—afterwards plant out in deep and well-manured ground, in rows twenty-four ins. apart and twenty inches distant in the rows.

The autumn and winter sorts, sow in April or early in May, in a moderately shaded border, in shallow drills, three or four inches apart.

Transplant early in July, in rows thirty inches apart, and about two feet apart in the rows. Cabbage succeeds best in a fresh, rich soil, well manured and deeply dug or plowed. The late plants are subject to attacks of the cabbage fly, destroying them as fast as they appear above ground. Various remedies are recommended for the preservation of the plants, such as sprinkling them with ashes, air-slack lime, plaster, or tobacco, which should be performed early in the morning. A solution of whale-oil soap is also recommended.

## CAULIFLOWER.

*Chou Fleur*, FR. *Coliflor*, SPAN. *Blumen Kohl*, GER.

EARLY LONDON,	per oz.	\$1.00	LARGE WALCHEREN,	per oz.	\$1.00
EARLY PARIS,	"	1.50	LATE STATHOLDER,	"	1.00
EARLY ERFURT, DWARF,	"	2.00	LARGE LE NORMAND,	"	2.00

Sow for early about the middle of September, in a bed of clean rich earth. In about four or five weeks afterwards the plant should be pricked out into another bed, at the distance of four inches from each other every way: these should be encompassed with garden frames, covered with glass sashes, and boards or shutters. The beds must be so secured, and the tops of the beds so covered as to keep out all frost, giving them light and air every mild day throughout the winter.

Transplant in April into a bed of the richest earth, in the garden, at a distance of two feet and a half each way. Keep them well hoed, and bring the earth gradually up to their stems. The late variety matures in the autumn, and is sown and managed similarly to Cape Broccoli, but are not so certain to succeed in this climate.

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For prices by the pound, see page 33.

## CARROT.

*Carotte*, FR. *Zanahoria*, SPAN. *Möhren*, GER.

SCARLET SHORT-HORN, per oz.	20 cts.	LONG ORANGE, per oz.	15 cts
EARLY SCARLET HORN,    "	20 cts.	ALTRINGHAM OR FIELD,	10 cts
HALF-LONG ORANGE,       "	20 cts.	LARGE WHITE FIELD,	10 cts

The first three are the best kinds for table use. The Early Horn should be cultivated for spring use; but the Long Orange is more suitable for a main crop. For an early crop sow the seed, latter end of March, in well-dug, rich loamy soil, in drills about an inch deep and twelve inches apart. For late crop sow in May.

The most suitable ground for late Carrots, is that which has been well-manured for previous crops, and requires no fresh manure.

## CELERY.

*Celeri*, FR. *Appio Hortense*, SPAN. *Sellerie*, GER.

DREER'S WHITE SOLID, per oz.	40 cts.	COLF'S CRYSTAL WHITE,	40 cts.
ROSE COLORED SOLID,       "	30 cts.	IVERY'S NONSUCH, RED,	40 cts.
SEYMOUR'S WHITE SOLID,   "	30 cts.	CELERIAC, OR TURNIP-ROOTED,	30
TURNER'S INCOMPARABLE DWARF WHITE, ( <i>extra</i> .) per oz. 40 cts.			

Sow the last of March or early in April, in rich mellow ground, and in a situation where the plants can be protected from the parching heat of a summer sun; in dry weather water freely. When the plants are five or six inches high, transplant a portion in trenches well manured, and repeat at intervals of two or three weeks for succession. As they advance in growth, blanch by earthing up, which should be performed gradually in fine weather, taking care not to bury the hearts of the plants. The *Celeriac*, or Turnip-rooted, may be planted either on level ground or in shallow drills. The root of it swells like a turnip, and may be preserved in sand through the winter; this is cooked and dressed similar to a Beet.

CHERVIL, per oz. 25 cts.

*Cerfeuil*, FR. *Perifolio*, SPAN. *Garten Körbel*, GER.

Used as a small salad, and for seasoning like parsley. Sow in drills, in spring and at intervals.

CHICORY—Large-rooted, per oz. 10 cts.

The roots of this variety are dried and used as a substitute for Coffee. Sow in April. Cultivate like Carrots.

CORN SALAD, per oz. 10 cts.

*Mache*, FR. *Ackersalat*, GER.

Used as a small salad throughout the winter and spring. Sow in drills in August and September. Cover with straw on the approach of winter



## CORN—for Garden Culture.

*Mais, FR. Maiz, SPAN. Welschkorn, GER.*

ADAM'S EXTRA EARLY, per qt.	20 cts.	CROSBY'S EARLY SUGAR, per qt.	40
EXTRA EARLY SUGAR, " 30 "		TUSCARORA, " 30 "	30 cts.
LARGE SWEET, OR SUGAR, " 25 "		EVERGREEN SWEET, " 25 "	

Plant about first week in May and at intervals. The above varieties are the best for table use. *Adam's Early* is the hardiest, and can be planted about the middle of April, and is the first corn that appears in the market, but cannot compare with the *Sugar*, or the *Evergreen*, which are, without question, the best for table use.

The Sweet or Sugar varieties being liable to rot in cold or wet ground, should not be planted until May, and for a succession, continue planting every two weeks, until the middle of July, in well-manured ground, in hills three feet apart.

## CRESS, per oz. 10 cts.

*Cresson, FR. Almois Mastuerzo, SPAN. Garten Kresse, GER.*

CURLED, OR PEPPER GRASS. . . . . BROAD LEAVED GARDEN.

TRUE WATER CRESS, per oz. 50 cts.

Used as a small salad. Sow at intervals throughout the season. The Water Cress requires a stream of running water, in which it will grow without care, except keeping at first weeds from interfering with it.

## CUCUMBER.

*Concombre, FR. Cohombro, SPAN. Gurken, GER.*

EARLY RUSSIAN, per oz.	25 cts.	LARGE EARLY MARKET, per oz.	20 cts.
EARLY FRAME, " 20 "		LONG GREEN TURKEY, " 25 "	
EARLY WHITE-SPINED, 20 "		GHERKIN, OR BURR, " 50 "	

The first four are the earliest and most esteemed table varieties.

The White-Spined retains its green color much longer than any other variety, and is principally grown for our markets. The Long Green and Gherkin are mostly used for pickles. For early use, plant about first week in May, on a warm and sheltered border. For pickles plant in the middle of July.

## ENGLISH PRIZE CUCUMBERS.

In packages; 25 cts. each.

CHAMPION OF ENGLAND.

SIR COLIN CAMPBELL.

GENERAL CANROBERT.

SION HOUSE, IMPROVED.

ROMAN EMPEROR.

VICTORY OF BATH.

KIRKLEY HALL DEFIANCE.

SNOW'S HORTICULTURAL PRIZE.

KELWAY'S PERFECTION.

GIANT ARNSTADT.

MANCHESTER PRIZE.

LYNCH'S STAR OF THE WEST.

CARTER'S PROLIFIC.

HAAGE'S GIANT.

BERKSHIRE CHAMPION.

WRIGHT'S WONDER.

BRADFORD HERO.

DERBYSHIRE HERO.

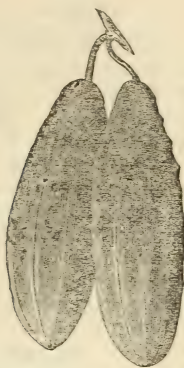
These are the favorite varieties for forcing, frequently attaining a length of thirty inches. To grow them properly requires a skilful gardener, or much fuller directions than can be imparted in these pages.—See works on gardening.

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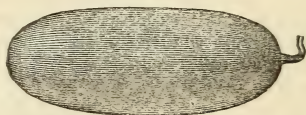
For prices by the quantity, see page 33.



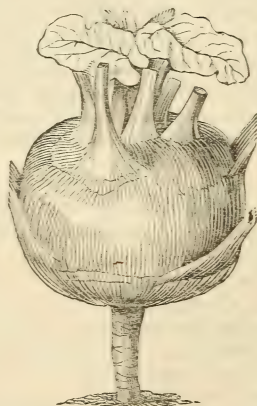
English Prize Cucumber.



Early Russian Cucumber.



White Spined Cucumber.



Kohlrabi, or Turnip Rooted  
Cabbage.

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For new varieties, see page 30.



## EGG-PLANT.

*Aubergine, FR. Berengena, SPAN. Eierpflanze, GER.*

EARLY OVAL PURPLE, per oz. 40 cts. SCARLET, 10 cts. per paper.

LARGE ROUND PURPLE, " 60 " LONG WHITE, 10 cts. per paper.

The first two are the kinds usually cultivated for table use—the others are fancy varieties.

Sow in hot-beds early in March; transplant middle of May to first of June, in a rich warm piece of ground about thirty inches apart.

Draw the earth up to their stems when about a foot high. Egg-plant seed will not vegetate freely without substantial heat, and if the plants get the least chilled, in the earlier stages of growth, they seldom recover. Repeated sowings are sometimes necessary.

## ENDIVE, per oz. 30 cts.

*Chicoree, FR. Endivia, SPAN. Endivian, GER.*

GREEN CURLED,

GREEN CURLED MOSS,

WHITE CURLED,

BROAD-LEAVED BATAVIAN,

The *Green Curled* is considered the hardiest and best for salad. Sow in July, in shallow drills. When three or four inches high, transplant into good ground, at a distance of a foot apart. Blanch by tying up, which must be done when quite dry, or they will rot. At the approach of winter, the growing crop may be taken up carefully, with a ball of earth to each plant, and planted close together in a frame or dry cellar.

## KOHL-RABI, or Turnip-rooted Cabbage.

*Chou Rave, FR. Kohl Rabi, GER.*

EARLY WHITE VIENNA, per oz. 30 cts. LARGE LATE BLUE, per oz. 20 cts.

" BLUE " " 30 " " " WHITE, " 20 "

This is a favorite vegetable in Europe, especially on the continent, and should be grown in every garden. Sow in April, and transplant in rows, twelve to eighteen inches apart. For late use, sow in June.

## KALE—See Borecole.

SEA KALE, per oz. 30 cts.

*Chou Marin, FR. Col. Marina, SPAN. See Kohl, GER.*

Is much esteemed in England, in some parts of which it grows spontaneously. The seed may be sown in October, or as early in the spring as the ground can be worked. For further directions see Bridgman's Kitchen Gardener's Instructor.

## LEEK.

*Poireau, FR. Porree, SPAN. Lauch, GER.*

LARGE SCOTCH FLAG, per oz. 30 cts. LARGE LONDON, per oz. 30 cts.

LARGE MUSSELBURG, very fine, per oz. 40 cts.

Sow early in April. When the plants are four or five inches high, transplant in rows.

## LETTUCE.

*Laitue*, FR. *Lechuga*, SPAN. *Garten Salat*, GER.

EARLY CURLED,	per oz.	25 cts.	PARIS GREEN COSS,	per oz.	30 cts.
EARLY STONEHEAD,	"	25 "	BROWN DUTCH,	"	30 "
EARLY TENNISBALL,	"	30 "	CURLED INDIA HEAD,	"	50 "
EARLY WHITE CABBAGE,	"	40 "	NEW PERPIGNAN,	"	40 "
ROYAL CABBAGE,	"	40 "	RED EDGED VICTORIA,	"	50 "
WHITE, OR ICE COSS,	"	30 "	HARDY HAMMERSMITH.		30 "

The *Early Curled* is used as a cut salad, for which purpose it is sown thickly in frames, early in the spring, and somewhat later in the open borders. The *Early Stonehead*, is one of the earliest heading varieties; the *Early Cabbage*, or *Butter*, is also a fine early Head Salad; the *Royal Cabbage* is a little later, and produces fine solid heads, and is much esteemed. The *Curled India* and *Perpignan* produce fine solid heads, and stand the heat well. To grow Head Lettuce fine, sow the seed in September; protect the plants during the winter, in frames, and plant out early in April, in rich moist ground, or sow in hot-beds in February or March, and afterwards transplant.

## MUSHROOM SPAWN.

Sold in the form of Bricks, at 30 cts. each.

*Champignon*, FR. *Seta*, SPAN. *Champignon brut*, GER.

*Culture*.—Mushroom beds are best made under cover. A dry cellar or shed will do. Collect fresh horse-droppings without straw, turn them over three or four times, to get rid of the heat, dig out a foot deep of the space to contain the bed, lay some long manure at the bottom, and then the prepared dung, a little at a time, evenly and well beaten down until it is a foot above the ground; put a layer of light earth on this, two inches thick; after a few days when the rank heat has passed off, place the spawn in the bed in lumps about two inches square and six inches apart, then cover with light earth an inch thick; beat it gently down all over. Cover the bed thickly with straw, and if out of doors, keep off rain, and protect from the cold with mats or boards. In about five weeks the mushrooms should make their appearance.

## MUSK-MELON.

*Melon Muscade*, FR. *Melon Muscatel*, SPAN. *Kantalupen*, GER.

JENNY LIND,	per oz.	10 cts.	LARGE NUTMEG,	per oz.	20 cts.
NETTED CITRON,	"	10 "	PERSIAN, (very fine,)	"	25 "
PINE APPLE,	"	10 "	WHITE JAPAN,	"	25 "

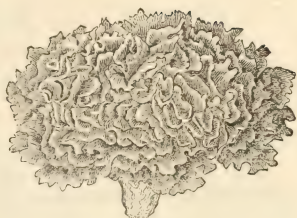
MANGO, (for pickling only,) per oz. 20 cts.

All the above varieties can be recommended. The *Jenny Lind* is a small variety, and with the *Citron* and *Pine Apple*, are the leading varieties in our market, and are of exquisite flavor; the *Persian* is a late variety of large size and superior quality. Plant early in May, in hills of rich light soil, six feet apart each way; allow three plants to each hill. When about a foot long, pinch off the tips, to make them branch. Observe not to plant pumpkins or squash near them.

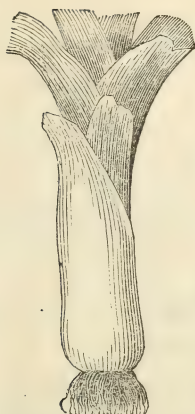
For Hanson Lettuce, see page 27.



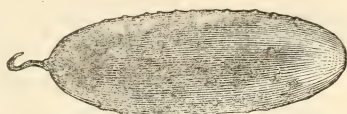
Early Cabbage Lettuce.



Boston Curled Lettuce.



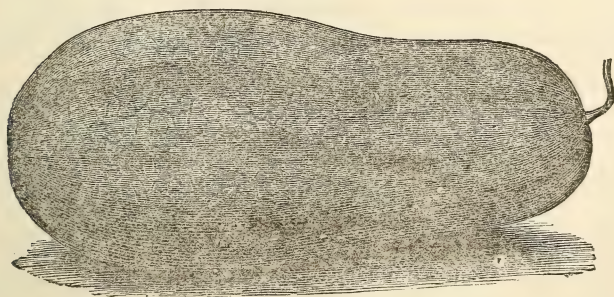
Large Musselburg  
Leek.



Early Frame Cucumber.



Netted Citron Melon.



Mountain Sweet Water Melon.

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Melons a specialty, see page 28.



## WATER-MELON.

*Melon d'Eau*, FR. *Zandia*, SPAN. *Wasser Melonen*, GER.

MOUNTAIN SWEET,	per oz. 10 cts.	GOODWIN'S IMPERIAL,	per oz. 20 cts.
MOUNTAIN SPROUT,	" 20 "	ICE CREAM, true,	" 20 "
BLACK SPANISH,	" 20 "	ORANGE,	" 20 "
CITRON, (for preserving,)	10 "	APPLE PIE,	" 20 "

The *Mountain Sweet* is cultivated extensively for the Philadelphia Market, and stands deservedly the first on our list: when well-grown from pure seed, it cannot be surpassed for size and quality. The *Ice Cream*, is early, of large size, pink flesh, and white seed. The *Apple Pie* is prepared like apples for pies and sauces; the *Orange* is of small size; the flesh separates from the rind like an orange, and is an excellent variety for late use. The Water-melon thrives best in a sandy soil, and should be planted in hills eight feet apart each way.

## MUSTARD, per oz. 10 cts.

*Moutard*, FR. *Mostazo*, SPAN. *Senf*, GER.

WHITE, (English.)

BROWN.

Sown like cress and used as a small salad. The White Mustard is also used for medicinal purposes.

## NASTURTIUM, per oz. 25 cts.

*Capucine*, FR. *Capuchina*, SPAN. *Kapuziner*, GER.

The seed pods and foot-stalks are gathered green and pickled in vinegar; resembling capers. Sow in April or early in May.

## OKRA, OR GOMBO.

*Quibombo*, SPAN. *Essbarer Hibiscus*, GER.

DWARF, LONG PODDED, per oz. 10 cts.

The green capsules of this plant are used in soups, stews, &c., to which they impart a rich flavor, and are considered nutritious. Plant the seeds about the middle of May, in hills or drills. Plant the seed thickly, as it is liable to rot in the ground; rich ground is necessary.

## ONION.

*Ognon*, FR. *Cebolla*, SPAN. *Zwiebel*, GER.

WHITE OR SILVER-SKIN,	per oz. 30	RED WETHERSFIELD,	per oz. 25
YELLOW STRASBURG,	" 25	BLOODRED (IMPORTED),	" 20
YELLOW DANVERS,	" 30	YELLOW DUTCH,	" 20

The Silver-Skin and Yellow Strasburg are grown in this vicinity, as northern grown and imported seed will not produce good sets. For sets, sow the seed early in the spring, very thickly, in beds or drills. As soon as the tops die off in the summer, remove them to a dry airy place; and early in the following spring re-plant in rows about four inches apart, the rows wide enough apart to admit of hoeing. The Onions, by this process, are obtained of a large size early in the season. They may be reared to full size during the first season, by sowing in drills early in March, in strong land, and thinning them out to stand two or three inches apart, keeping them well hoed: for this purpose the Red Wethersfield is usually preferred.

## ONION SETS.

WHITE.

YELLOW.

Plant early in the spring, in rich ground, in drills six inches apart.

PARSLEY.

*Persil*, FR. *Perejil*, SPAN. *Petersilie*, GER.

CURLED, OR DOUBLE, per oz. 10 cts.    EXTRA CURLED, per oz. 20 cts.

Sow early in April, in rows. Soak the seed first in warm water.

PARSNIP, per oz. 10 cts.

*Panais*, FR.    *Chariberia*, SPAN.    *Pastinake*, GER.

LARGE SUGAR, OR HOLLOW-CROWNED.

This is decidedly the best variety. Sow early in April, in rich ground, well dug. Cultivate similar to carrots. The roots can remain in the ground for spring use.

## PEAS.

In Ten cent packets or by the quart, at prices annexed.

*Pois*, FR. *Guisante*, SP. *Erbsen*, GER.

Earliest.

Height.	Price per qt.
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
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25	25
26	26
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90	90
91	91
92	92
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96	96
97	97
98	98
99	99
100	100

DREER'S EXTRA EARLY, very early and prolific,

an even cropper, the earliest and best.	2 feet,	.40
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CARTER'S FIRST CROP, earliest English variety,	2½ "	.50
--	------	-----

WAITE'S CARACTACUS, a very early sort,	2 $\frac{1}{2}$ "	.40
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DANIEL O'ROURKE, a prolific variety, . . . 3<sup>d</sup> " .30

\*McLEAN'S LITTLE GEM, delicious flavor, . 10 inches, .60

TOM THUMB, early and very dwarf,	10	“	.50
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The Tom Thumb and Little Gem are the best early dwarf Peas they require a rich soil, and are well suited from their dwarf habit for small gardens ; can be planted in rows one foot apart.

Second Early.

Height.	Price per qt.
12	1.00
14	1.25
16	1.50
18	1.75
20	2.00
22	2.25
24	2.50
26	2.75
28	3.00
30	3.25
32	3.50
34	3.75
36	4.00
38	4.25
40	4.50
42	4.75
44	5.00
46	5.25
48	5.50
50	5.75
52	6.00
54	6.25
56	6.50
58	6.75
60	7.00
62	7.25
64	7.50
66	7.75
68	8.00
70	8.25
72	8.50
74	8.75
76	9.00
78	9.25
80	9.50
82	9.75
84	10.00
86	10.25
88	10.50
90	10.75
92	11.00
94	11.25
96	11.50
98	11.75
100	12.00

\*McLEAN'S ADVANCER, a new and fine variety, 2 feet, .50

BISHOP'S DWARF PROLIFIC,	1½ "	.40
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LAXTON'S PROLIFIC LONG POD, a valuable new var'ty, 2	“	.80
--	---	-----

DWARF WATERLOO MARROW, of Tom Thumb habit, 1½ "	.80
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*EUGENIE, a fine productive variety,	2	40
--------------------------------------	---	----

*NAPOLEON, a fine blue wrinkled variety,	21 "	.40
--	------	-----

MCLEAN'S EPICUREAN, large well filled pods, .	2 "	.80
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For General and Late Crops.

*CHAMPION OF ENGLAND, (one of the best,)	3	"	.40
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DWARF BLUE IMPERIAL, a favorite variety,	2½ "	.30
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*VEITCHE'S PERFECTION, very fine,	21½ "	.60
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*HAIR'S DWARF GREEN MARROW, fine.	2½ "	.40
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LARGE WHITE MARROWFAT, . . . . .	3 "	.25
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BLACK-EYE MARROWFAT,	.	.	.	.	3	"	.25
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DWARF SUGAR, edible pods, (true)	.	.	2	"	.60
----------------------------------	---	---	---	---	-----

TALL, " " " "	4 to 6 "	.60
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*KNIGHT'S DWARF GREEN MARROW,	.	.	3	"	.50
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Those marked thus \* are wrinkled marrows, the finest flavored.

For Peas by the bushel, see page 34.

Commence planting the early kinds as early in the Spring as the ground can be brought into good condition. All the other sorts will answer for successive crops. To have Peas during the Summer and Autumn plant in June, July and August, in single or double rows, from two to four feet apart, according to height. Dreer's Extra Early is one of the best for early as well as late planting, and is extensively used by our market gardeners for a late fall crop. In hoeing, draw the earth up to their stems.

### PEPPER.

*Piment*, FR. *Pimento*, SPAN. *Pfeffer*, GER.

LARGE SWEET BELL, per oz. 40 cents. CAYENNE, OR LONG, per oz. 80 cts.  
TOMATO-SHAPED, per oz. 40 cts. CHERRY, " 50 "

The Bell-Shaped and Tomato are used, when green, for pickling. The Bell-Shaped is quite mild, and attains a large size. Sow in hot-beds in March, or on a warm border early in May. Transplant in good rich ground, from 18 to 24 inches apart.

### PUMPKIN.

*Courge*, FR. *Calabaza*, SPAN. *Kuerbis*, GER.

CASHAW, (Crooked-necked) 10 cts. LARGE CHEESE, per oz. 10 cts.  
MAMMOTH, per oz. 30 " FIELD, per lb. 30 cts.

Plant in May in hills, eight or ten feet apart each way. The Cashaw is generally preferred for cooking.

### RADISH, 10 cts. per oz.

*Radis et Rave*, FR. *Rabano*, SPAN. *Rettig*, GER.

EARLY SCARLET OLIVE SHAPED,	YELLOW TURNIP, OR SUMMER.
EARLY WHITE " "	WHITE NAPLES, OR SUMMER.
LONG SCARLET SHORT TOP.	WHITE SPANISH, OR WINTER.
LONG SALMON " "	BLACK SPANISH, OR WINTER.
WHITE TURNIP-ROOTED.	ROSE CHINA WINTER, 20 cts. oz.
RED TURNIP-ROOTED, OR CHERRY.	WHITE CHINA WINTER, 20 cts. oz.

The first column contains the varieties used for early sowings, which should be made as early in the Spring as the ground can be worked, on a sheltered border. The ground should be well manured, dug and raked. The Yellow Turnip and White Naples are excellent varieties for Summer use.

### RHUBARB, per oz. 25 cts.

*Rhubarbe*, FR. *Ruibarbo*, SPAN. *Rabarber*, GER.

VICTORIA,  
LINNÆUS,

PRINCE ALBERT,  
MAGNUM BONUM.

The stalks of this plant are used for pies and tarts. It is fit for use before green fruit appears, and is an excellent substitute. Sow in April; transplant the ensuing Autumn or Spring to any desired situation, in deep and heavily manured ground. As no dependence can be placed upon growing the varieties truly from seed, it is recommended to those who desire a choice article, to procure the roots. We offer the following choice varieties.

For new varieties, see page 30.



## RHUBARB ROOTS.

25 cents each; \$2 to \$4 per dozen, according to size. These are *not seedlings*, but propagated from the true varieties.

MITCHELL'S EARLY.

MYATT'S LINNÆUS.

MYATT'S VICTORIA.

PRINCE ALBERT.

ROYAL LEAMINGTON.

MAGNUM BONUM.

To grow the stalks to perfection, the ground must be dug and heavily manured, at least two feet deep. Set out the roots four feet apart each way.

## SALSIFY, OR OYSTER PLANT, per oz. 25 cts.

*Salsifis*, FR. *Salsifi*, SPAN. *Haferwurz*el, GER.

A fine vegetable used as carrots; or, after being boiled, made into cakes with paste, and fried like oysters, which they resemble in flavor. Cultivate same as parsnips; it is also hardy and can remain in the ground all Winter for early Spring use.

## SCORZONERA, per oz. 30 cts.

*Scorsonere*, FR. *Escorzonera*, SPAN. *Schwartz wurzel*, GER.

Known as Black Salsify. It is cultivated and used in the same manner as the Salsify.

## SORREL, (Garden) per oz. 20 cts.

*Oseille*, FR. *Acedera*, SPAN. *Sauerampfer*, GER

Used as a salad. Sow in April in shallow drills; thin out the plants a twelve inches apart.

## SPINACH.

10 cts. per oz.—60 cts. per lb.

*Epinard*, FR. *Espinaca*, SPAN. *Spinat*, GER.

ROUND-LEAVED SAVOY.

PRICKLY-SEEDED.

NEW ZEALAND, per oz. 20 cts.

For Spring and Summer use, sow as early as the ground can be worked. For Winter and early Spring use, sow in September, in well manured ground; cover with straw on the approach of cold weather.

## SQUASH.

10 cts. per oz.

*Courge*, FR. *Calabasa*, SPAN. *Kürbis*, GER.

EARLY BUSH, OR PATTY PAN.

TURBAN, per oz. 30 cts.

EARLY GOLDEN BUSH.

BOSTON MARROW, 20 cts.

LONG GREEN CROOK-NECK.

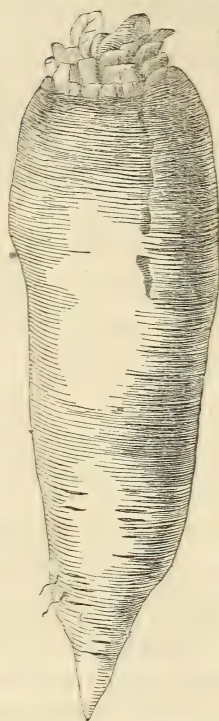
NEW HUBBARD, 20 cts.

The varieties of the first column, are the best for summer use, and the *Boston Marrow* and *Hubbard*, are superior Winter varieties. The *Early Bush* appears to be the favorite variety for summer use, as it is more extensively grown than any other, and being of a bushy habit, is more suitable for small gardens than the running kinds. Plant in hills in the same manner, and at the same time, as Cucumbers and Melons. The bush varieties three or four feet apart, and the running kinds from six to nine.

For prices by the pound, see page 35.



Long Scarlet Short  
Top Radish.



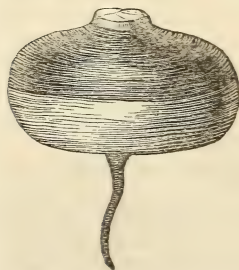
Long Red Mangel Wurtzel.



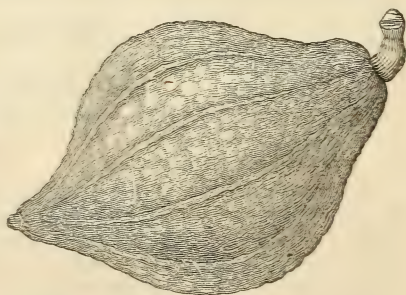
Sugar Parsnip.



Early Scarlet Olive  
Shaped Radish.



Purple or Red Top Turnip.



Hubbard Squash.

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For new varieties, see page 30.

## TOMATO.

*Tomate*, FR. *Tomats*, SPAN. *Liebes Apfel*, GER.

EXTRA EARLY RED, per oz.	40 cts.	LARGE YELLOW, for pre-	
GENERAL GRANT,	“ 50 “	serving, per oz. . . .	40 cts.
TILDEN,	“ 40 “	YELLOW PLUM, for pre-	
COOK'S FAVORITE,	“ 40 “	serving, per oz. . . .	40 cts.
FEJEE ISLAND, true,	“ 50 “	CHERRY, Red and Yellow,	
LARGE SMOOTH RED,	“ 25 “	for preserving, per oz.	50 cts.
PHILADA. MARKET,	“ 50 “		

The *Extra Early* is desirable only for ripening a few days in advance of the other varieties. The *Tilden* is now the popular sort, both for early and late use. The fruit is of good size, solid, and fine-flavored. The *Cook's Favorite*, also a solid, smooth variety, medium size. The *Fejee Island*, large size, solid, and good flavor, but later in ripening than the other sorts. These three varieties can be recommended as the best for general cultivation, or family use; for putting up in cans for winter use they have no superior, as they contain less water and seeds than other varieties. For early use sow in hot beds, or boxes, early in March, and plant out in May, from four to five feet apart. For late use set out the plants in July; the green fruit can be picked off before frost, and ripened under glass.

## TURNIP, per oz. 10 cts.

*Navet*, FR. *Nebo*, SPAN. *Ruben*, GER.

WHITE FLAT DUTCH, strap-leaved.	LONG WHITE FRENCH.
PURPLE OR RED TOP, “	YELLOW ABERDEEN, or Scotch.
TELTOW OR MARROW.	PURPLE TOP RUTA BAGA.
ROBERTSON'S GOLDEN BALL.	GOLDEN GLOBE RUTA BAGA.
EARLY YELLOW STONE.	WHITE RUTA BAGA, or Swedish.
WHITE NORFOLK OR GLOBE.	DALE'S HYBRID.

The first four on the list are the best for table use: the *Flat Dutch* is usually sown for early summer use, quite early in the Spring, and also with the *Purple Top* in July and August, for a main crop. *Robertson's Golden Ball* is of recent introduction, and is highly recommended for culinary purposes. So is also the *Teltow*, a small, delicate-flavored variety, highly esteemed in Germany. The *Globe*, *Norfolk*, and *Ruta Baga*, are principally used for feeding stock. Sow in June, or early in July, in drills two feet apart, and thin out to stand six inches apart—keeping the ground well stirred and clear of weeds. As Turnips are grown principally for consumption during the winter and early spring, a few brief hints for their preservation is necessary. Take up the roots in November, cut off the tops within an inch of the crown. Those for winter use can be stored away in a cool cellar or pit, and covered over with a few inches of dry earth. For early spring use, pile up in conical form, out of doors, cover carefully with long straw, and finish by earthing up, covering them with about 12 or 15 inches of earth; leave a vent or air-hole, by placing a bunch of straw in the top. Put away in this manner, they will be found in good condition in the spring.



## POT, SWEET AND MEDICINAL HERBS.

Price, 5 cts. per paper.

<i>Anise</i> .....	Per oz.	10 cts.	Per lb.	\$1.00
<i>Basil</i> , Sweet.....	"	20 "	"	2.00
<i>Bene</i> .....	"	20 "	"	2.00
<i>Caraway</i> .....	"	10 "	"	1.00
<i>Coriander</i> .....	"	10 "	"	1.00
* <i>Dill</i> .....	"	10 "	"	1.00
* <i>Lavender</i> .....	"	30 "	"	3.00
<i>Marjoram</i> , Sweet (American)..	"	75 "	"	8.00
<i>Marjoram</i> , " (Imported)...	"	40 "	"	4.00
* <i>Sage</i> .....	"	40 "	"	4.00
<i>Savory</i> , Summer.....	"	30 "	"	3.00
* <i>Thyme</i> .....	"	40 "	"	4.00
<i>Angelica</i> .	Elecampane.		* <i>Rosemary</i> .	
* <i>Balm</i> .	Fenugreek.		* <i>Savory</i> , Winter.	
<i>Balsam Apple</i> .	* <i>Horehound</i> .		<i>Scurvy Grass</i> .	
<i>Burnet</i> .	* <i>Hyssop</i> .		<i>Skirret</i> .	
<i>Borage</i> .	<i>Marigold</i> , Pot.		* <i>Tansy</i> .	
<i>Cumin</i> .	<i>Rue</i> .		* <i>Wormwood</i> .	

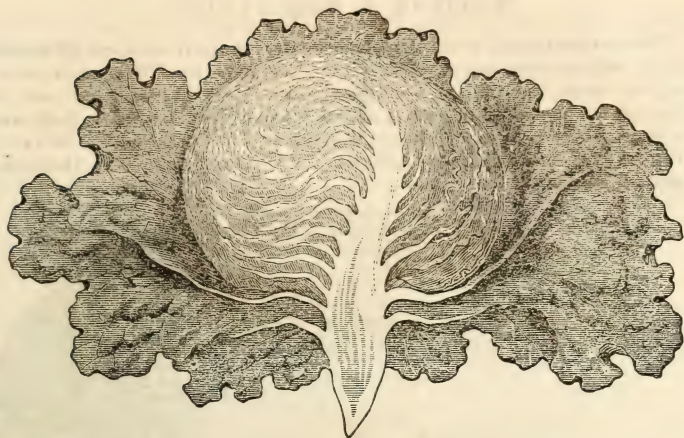
Those marked with a \* are perennial, and when once obtained in the garden may be preserved for years, with a little attention. Sow in April, in shallow drills; when up a few inches, thin out to proper distances, or transplant.

## MISCELLANEOUS SEEDS, ETC.

<i>Apple Seed</i> .....	Per bus.	\$12.00.	Per lb.	\$0.50
<i>Pear Pips</i> , best imported.....			"	3.00
<i>Honey Locust</i> , for Hedges, etc.....			"	1.00
<i>Sorghum</i> , or <i>Chinese Sugar Cane</i> .....			"	25
<i>Broom Corn</i> , best Dwarf.....			"	25
<i>Sunflower</i> , Mammoth Russian .....			"	1.00
" Large Common.....			"	80
<i>Celery Seed</i> , for flavoring Soups, Sauces, etc.....			"	80
<i>Opium Poppy</i> (white seed).....	Per oz.	\$0.10	"	1.00
<i>Tobacco</i> , best Havana.....	"	1.00	"	10.00
" Conn. Seed Leaf .....	"	50	"	5.00
<i>Castor Oil Bean</i> .....	"	20	"	1.50
<i>Osage Orange</i> , for Hedges .....			"	75

## BIRD SEEDS, ETC.

<i>Canary</i> , best Sicily .....	Per qt.	\$0.25
<i>Mixed Bird Seed</i> , for Canaries .....	"	25
<i>Hemp</i> , " Parrots and Sparrows.....	"	20
<i>Rape</i> , " Linnets, etc.....	"	25
<i>Maw</i> , for young and sick birds .....	Per packet 10 cts.	Per lb. 50
<i>Cuttle-Fish Bone</i> .....	Each 5 "	" 1.00
<i>Mocking Bird Food</i> (prepared).....	Per bottle	50



### THE HANSON LETTUCE.

THE above cut represents a sectional view, showing the inside of this truly superior Lettuce, the heads of which grow to a remarkable size, and are deliciously sweet, tender and crisp, even to the outer leaves. We are indebted to Col. Hanson of Maryland for this variety, who states that it has been in his family for many years. The heads are very large, a single one is frequently large enough for an ordinary sized family; the color is of the most beautiful green without, and white within, and is entirely free from any bitter or unpleasant taste found in some varieties. Notwithstanding the unusually dry spring of 1871, and excessive heat in June last, it headed up remarkably solid, and was the admiration of every one who saw or tasted it, the heads weighing from  $2\frac{1}{2}$  to 3 lbs., and measuring to outer leaves 18 inches in diameter. A special Premium was awarded to this Lettuce at the Rose and Strawberry Show in June last. This variety produces very little seed, and owing to the wet weather during the time of setting, our stock is very limited. We can therefore only offer it again in packets, at 25 cts. each.

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From Thos. Meehan, Esq., Editor of *Gardener's Monthly*, July, 1871:

"On our table are three heads of this variety, which some visitors take to be cabbage. It has much the character of the old curled Indian, but is earlier and with larger heads. We can confidently recommend it."

From L. A. Godey, Esq., Editor of *Godey's Lady's Book*:

"That Hanson Lettuce is superb, the finest salad I have ever tasted; one head will suffice for a pretty large family."

From A. W. Harrison, Esq., Sec. of Penna. Horticultural Society:

"The Hanson Lettuce heads better in the open ground than any I ever grew; it is *very large, tender, and sweet*, the outer green leaves free from bitterness, and in every respect an admirable variety."

## MELONS A SPECIALITY.

We desire to call attention to our very superior stock of melon seeds, which are grown for us with great care, by different growers, widely apart, to insure a pure article. Our stock must not be classed with the cheap mixed sorts, usually the odds and end savings, and refuse of the patch, unfit for market, but is saved from all the finest ripe melons. Melon growers can therefore rely on our stock.



## THE CASABA MELON.

A musk-melon of extraordinary size and delicious flavor; usual weight from twelve to fifteen pounds. We have received flattering letters from various sections of the country in reference to its superior quality. See page iv.

Dr. Thurber, editor of the *American Agriculturist*, thus notices this fine melon:

"Mr. Henry A. Dreer, Seedsman, of Philadelphia, has sent us specimens of a melon, the seeds of which he received under the above name. It is, evidently, one of the Persian melons. One of the specimens weighed twelve pounds, and if there is a more sugary, tender-fleshed, and altogether good melon than this, we should like to see it."

Price, per lb. \$4.00; per oz. 50 cts.; per packet, 20 cts.

**MU-K-MELON, PINE APPLE.**—Exquisite flavor; medium size; a desirable variety. Per lb. \$1.00; per oz. 10 cts.; per packet, 5 cts.

**MUSK-MELON, TURK'S CAP.**—A new variety of exquisite flavor. Per lb. \$1.50; per oz. 20 cts.; per packet, 10 cts.

**MUSK-MELON, ALLEN'S SUPERB.**—A new variety of the nutmeg; flesh green and sweet. Per lb. \$2.50; per oz. 25 cts.; per packet, 10 cts.



**MUSK-MELON, GOLDEN ORANGE.**—Medium size; flesh reddish orange, sweet, highly perfumed, and of good flavor; very early and productive. Per lb. \$2.00; per oz. 20 cts.; per packet, 10 cts.

**MUSK-MELON, WARD'S NECTAR.**—A green-fleshed variety; prolific; extremely rich and delicious in flavor. Per lb. \$2.50; per oz. 25 cts.; per packet, 10 cts.

**MUSK-MELON, WHITE JAPAN.**—Small size to medium; a truly delicious melon; uniformly good; color of fruit, creamy white. Price, per lb. \$2.50; per oz. 25 cts.; per packet, 10 cts.

### WATER MELONS.

**ICE CREAM.**—True white seeded variety; flesh remarkably sweet and crisp; of good size. Per lb. \$2.00; per oz. 20 cts.; per packet, 10 cts.

**ORANGE.**—Peculiar for the division of its flesh from the rind, which may be taken off like the rind of an orange, by a little separation with a knife; of oval shape; flesh solid scarlet; crisp, of delicious flavor. Per lb. \$2.00; per oz. 20 cts.; per packet, 10 cts.

**MOUNTAIN SWEET.**—The popular market variety; large size, and uniformly good. Per lb. 80 cts.; per oz. 10 cts.; per packet, 5 cts.

**MOUNTAIN SPROUT.**—Also a popular sort; somewhat earlier than the above. Per lb. \$1.50; per oz. 15 cts.; per packet, 10 cts.

**JOE JOHNSTON.**—Form short, oval, nearly round; color generally light green, with dark stripes; flesh deep red; flavor remarkably sweet and rich; originated at the South. Per oz. 50 cts.; per paper, 25 cts.

### THE TROPHY TOMATO.

Introduced by Geo. E. Waring, Jr., Ogden Farm, Newport, R. I. It is the *very earliest*, and it is unquestionably the *largest*, the *smoothest*, the *most fleshy* (and consequently the heaviest) and *much the best flavored of all*, while from its long and careful cultivation (only the best specimens being allowed to breed) it has a *fixity of type* that has heretofore been unknown in its race—that is rarely seen in any vegetable which is reproduced by the seed. This Tomato is the result of twenty-four years' crossing and careful selection. It has taken premiums wherever exhibited during the past season, and is undoubtedly all it has been represented to be.

**HEAD-QUARTERS SEED**, put up by Mr. Waring, from early selected fruit of perfect form and ripeness. Per packet of 100 seeds, 25 cents.

**DREER'S SELECTED.** Saved only from the finest specimens, grown on our own seed-farm. Per oz., \$3; per pkt., 20 cts.

**SECOND-CLASS SEED.** Saved only from good ripe fruit. Per oz., \$1; per packet 10 cents.

## NEW VEGETABLES,

Or varieties of recent introduction, especially to be recommended.

Price 10 cents per packet, except when noted.

ASPARAGUS, CONOVER'S COLOSSAL. Very superior. Per lb., \$3; per oz., 30 cents.

ASPARAGUS, LESHER'S MAMMOTH. Extra fine. Per lb., \$1; per oz., 20 cents.

BEAN. Dwarf German Wax (black seed), early, remarkably tender and stringless; the finest variety. Per qt., 50 cents.

BEET, DARK RED EGYPTIAN. In form like a Flat Dutch Turnip; very deep red, and early. Per lb., \$3; per oz., 30 cts.

BEET, CARTER'S ST. OSYTH. A new English variety; deep red; Per lb., \$2; per oz., 20 cents.

BEET, CARTER'S PERFECTION SALAD. Delicate texture and sweet flavor. Per lb., \$5; per oz., 50 cents.

BEET, HENDERSON'S DWARF PINE APPLE. Small foliage; dark red. Per lb., \$2; per oz., 20 cents.

BEET, BASTIAN'S EXTRA EARLY. The perfection of a Beet, being very early; of quick growth, fine turnip-rooted form and good color, a profitable variety for the market gardener, and one of the best for family use. Per lb., \$1.50; per oz., 20 cents.

BEET, BASTIAN'S HALF-LONG BLOOD. In color, shape and size, it is all that can be desired in a Beet; a valuable variety to follow after the preceding one. Per lb., \$1.50; per oz., 20 cents.

CABBAGE, LITTLE PIXIE. Very early and dwarf. Per oz., 30 cts.

CABBAGE, EARLY ST. JOHN'S DAY. A valuable second early sort; flat head, very solid. Per lb., \$3; per oz., 30 cents.

CABBAGE, FILDERKRAUT. A new variety from Stuttgart; a favorite German variety, with solid conical heads. Per lb., \$4; per oz., 40 cents.

CABBAGE, GREEN GLAZED. A favorite variety in the South. Per lb., \$3; per oz., 30 cents.

CABBAGE, DARK BLOOD-RED ERFURT. Superior and early. Per oz., 50 cents.

CABBAGE, PHILADELPHIA FLAT DUTCH. Extra fine selected. Per lb., \$3; per oz., 30 cents.

CABBAGE, PHILADELPHIA LATE DRUMHEAD. Extra fine selected. Per lb., \$3; per oz., 30 cents.

CABBAGE, LARGE EARLY SCHWEINFURT. Introduced from Germany; a second early, or fall variety; one of the largest early varieties in cultivation. Per oz., \$1.

**CABBAGE, EARLY FLAT BRUNSWICK.** Large and solid. Per lb., \$3 ; per oz., 30 cents.

**CABBAGE, SIMON'S EXTRA DRUMHEAD.** A favorite second early variety with the Philadelphia market gardeners ; this has been grown with great care expressly for that trade. Per lb., \$4 ; per oz., 40 cents.

**CAULIFLOWER, LE NORMAND, SHORT-STEMMED.** Extra fine ; a favorite variety, one of the best of the French sorts. Per oz., \$2.50 ; per packet, 25 cents.

**CAULIFLOWER, CARTER'S DWARF MAMMOTH.** Very large and early. Per oz., \$1.50 ; \*per packet, 25 cents.

**CELERY, BOSTON MARKET.** This is the short, bushy, solid celery, for which Boston market is so famous. Per oz., 50 cts.

**CELERY, CARTER'S INCOMPARABLE DWARF.** Dark crimson, very solid, crisp, and fine nutty flavor. Per oz., 40 cents.

**CELERY, SEALEY'S LEVIATHAN.** White ; extra large and fine ; solid, and unsurpassed in flavor. Per oz., 30 cents.

**CELERY, DIXON'S NEW MAMMOTH WHITE.** Per pkt., 25 cts.

**CORN, EARLY MINNESOTA.** A very early variety of Sweet Corn ; of dwarf growth. Per qt. 40 cents.

**CORN, MOORE'S EARLY CONCORD.** Large well-filled ears. Sweet and delicious flavor, as early as Darling's, one of the best varieties for the table. Per qt. \$1 ; per packet, 25 cents. This was sold last year for \$1 per ear.

**CUCUMBER, EDWARD'S ECLIPSE.** One of the best and longest. We exhibited this variety this season 26 inches long. Per packet, 50 cents.

**CUCUMBER, COOLING'S PROLIFIC.** Most abundant cropper ; often producing from three to six fine fruit to a joint ; length 18 to 24 inches. Per packet, 50 cents.

**CUCUMBER, PIERSON'S LONG GUN.** The finest flavored variety grown ; length 24 inches. Per packet, 50 cents.

**EGG-PLANT, EARLY BLACK PEKIN.** A new and distinct kind from China, with rich dark bronzy-purple foliage ; the fruit is nearly round, of a deep blackish purple, prolific and early as the long purple ; the flesh is white, fine grained, and more delicate than the old varieties. Per packet, 25 cts.

**EGG-PLANT, NEW YORK IMPROVED LARGE PURPLE.** Of large size and deep color, free of prickles, so objectionable in gathering the fruit. Per oz., 60 cents.

**ENDIVE, EARLY WHITE.** *Self-blanching* ; by far the finest curled variety ever introduced ; grows to a large size, beautifully curled and tender. Per lb., \$5 ; per oz., 50 cents.

**LETTUCE, NEAPOLITAN.** Large, solid heads. Per oz., 30 cents.

**LETTUCE, EARLY SIMPSON.** Large heads, a first-rate variety. Per oz., 40 cents.



**LETTUCE, EARLY BOSTON CURLED.** A quite hardy variety; the elegant frilling of leaves and fine form make it very attractive. (See illustration, page 19.) Per oz., 40 cents.

**LETTUCE, WHEELER'S TOM THUMB.** Very dwarf; compact. Per oz., 50 cents.

**MARTYNIA PROBOSCIDEA.** The young seed pods are used as a pickle. Per oz., 50 cents.

**PARSLEY, CHAMPION MOSS-CURLED.** Unapproachable in quality for garnishing purposes. Per oz., 25 cents.

### PEAS.

**LAXTON'S ALPHA.** A blue wrinkled pea of exquisite flavor; remarkable for its earliness and prolific bearing; it is very early as a first crop, beating in this respect *McLean's Advancer* and *Little Gem*; it bears pods (well filled and of good size) down to the bottom of the haulm. The Royal Horticultural Society awarded a first-class certificate to this pea. In half-pint packets, 50 cents.

**HUNDRED-FOLD; OR, THE COOK'S FAVORITE.** Originated from *Laxton's Prolific* and *Ne Plus Ultra*; pods large, of a fine dark green color, carrying a bloom like a cucumber; the peas cook a fine green color; the seed is of a distinct pale olive green color. In pint packets, 50 cents.

**CARTER'S LEVIATHAN.** The latest wrinkled pea in cultivation; hardy in constitution; free from mildew; producing fine flavored sugary peas, of enormous size; a very profuse bearer, and one that can be highly recommended. In pint packets, 50 cents.

**PEPPER, SMALL CHILI.** Pods pendant, sharply conical, about two inches in length, very piquant. Per oz., 50 cents.

**PEPPER, LARGE SWEET MOUNTAIN.** Similar in shape to the Large Bell, but of much larger size; rind thick, fleshy, and tender; used for pickling. Per oz., 50 cents.

**RADISH, FRENCH BREAKFAST.** A quick growing variety, very much used in Paris. Oval form; color scarlet, tipped with white; good flavor and ornamental. Per oz., 20 cents.

**RADISH, ROSE CHINA, WINTER.** A valuable Winter Radish, very tender, sweet, and white fleshed. Per oz., 20 cts.

**RAPHANUS CAUDATUS.** New; the pods are used as pickles, also as a salad and in stews.

**SQUASH, BANANA.** The best winter variety. Per packet, 20 cts.

**SQUASH, YOKOHAMA.** A new variety from Japan. Per oz., 30 cts.

**SQUASH, MAMMOTH.** Very large, often attaining the weight of two hundred pounds. Per lb., \$5; per oz., 50 cents.

**TOMATO, PHILADELPHIA MARKET.** Considered one of the best, being large, smooth, and solid, and bears carriage well. Selected with care. Per oz., 50 cents.

## FARMER'S AND GARDENER'S LIST

*Of the leading varieties with prices by the quantity, not sold at these prices in less quantities than one-half pound, or one-half bushel.*

ASPARAGUS, Giant .....	per lb.	\$0 80
“ Roots, two years old .....	“ 1000	6 00
BEANS, (Bush,) Early Mohawk, or six-weeks .....	per bus.	6 00
“ Early Yellow six-weeks .....	“	6 00
“ Early black-seeded Wax (prolific) .....	“	10 00
“ Early Newington Wonder .....	“	6 00
“ Red Speckled Valentine Snap-short .....	“	6 50
“ Refugee, (Brown Valentine) .....	“	6 00
“ (Pole,) Large Lima .....	“	12 00
“ Horticultural or Wren's Egg .....	“	10 00
BEET, Simon's Extra Early Red Turnip .....	per lb.	1 25
“ Extra Early Bassano .....	“	1 25
“ Extra dark blood Turnip .....	“	1 00
“ Half-long Blood .....	“	1 00
“ Long Blood .....	“	1 00
“ Sugar, White Silesian .....	“	75
“ Mangel Wurtzel, Red .....	“	75
“ “ “ Yellow Globe .....	“	75
CABBAGE, Large Early York .....	“	3 00
“ Early Jersey Wakefield, <i>extra</i> .....	“	5 00
“ Early Enfield, or London Market .....	“	3 00
“ Early French Oxheart, <i>extra</i> .....	“	4 00
“ Early Winnigstadt, or Cone .....	“	4 00
“ Simon's Early Drumhead—a very superior second early variety .....	“	4 00
“ Red Drumhead, for pickling .....	“	4 00
“ Large Late Drumhead, <i>fine</i> .....	“	3 00
“ Large Flat Dutch, <i>extra</i> .....	“	3 00
“ Green Curled Savoy .....	“	3 00
“ Drumhead Savoy .....	“	3 00
CARROT, Early Scarlet Short-Horn, for forcing .....	“	2 00
“ Early Scarlet Horn .....	“	1 50
“ Long Orange, <i>extra fine</i> —true American stock .....	“	1 25
“ Altringham, Long Red .....	“	1 25
“ Long White Belgian .....	“	1 25
CAULIFLOWER. See page 14.		
CELERY, Dreer's White Solid, <i>fine</i> .....	“	4 00
“ Turner's Incomparable Dwarf, white .....	“	4 00
“ Boston Market, Dwarf .....	“	4 00
“ Rose-colored Solid .....	“	3 00
“ Celeriac, or Turnip-rooted .....	“	3 00
CORN SALAD, Large Seeded .....	“	1 00
CORN, Adams' Extra Early .....	per bus.	5 00
“ Early Eight-rowed Sugar .....	“	5 00
“ Large Sweet or Sugar .....	“	4 00
“ Stowell's Evergreen Sugar .....	“	5 00

CRESS, Curled, or Pepper-grass.....	per lb.	\$1 00
CUCUMBER, Early Frame.....	"	1 50
"    White-spined .....	"	1 25
"    Long Green.....	"	1 50
EGG-PLANT, Early Oval Purple .....	"	6 00
"    Large Round Purple.....	"	8 00
"    New York Improved Large Purple... .	"	8 00
ENDIVE, Green Curled.....	"	3 00
KALE, Green Curled.....	"	1 00
"    Dwarf German.....	"	1 50
KOHL-RABI, Green and Purple-top, each.....	"	3 00
LEEK, Large Flag.....	"	3 00
LETTUCE, Early Curled.....	"	3 00
"    Early Cabbage.....	"	4 00
"    Early Stone-head.....	"	3 00
"    Royal Cabbage.....	"	4 00
"    Perpignan—stands heat well.....	"	4 00
"    Brown Dutch, or Butter.....	"	4 00
MUSK-MELON, Early Jenny Lind.....	"	1 00
"    Netted Citron.....	"	1 00
"    Pine-Apple .....	"	1 00
"    Turk's Cap, <i>extra</i> .....	"	1 50
"    Large Persian.....	"	1 50
WATER-MELON, Mountain-Sweet.....	"	80
"    Orange (true).....	"	2 00
"    Ice Cream (white seed).....	"	2 00
OKRA, Dwarf or Tall, each.....	"	1 00
ONION, Red Wethersfield.....	"	2 00
"    Yellow Strasburg,    } Philadelphia growth,	"	3 00
"    Yellow Danvers,     } the best for rais-	"	3 50
"    White or Silver,     } ing sets	"	3 50
"    Blood-red (imported).....	"	1 00
"    Yellow Dutch .....	"	1 00
"    Silver Skin .....	"	1 50
PARSNIP, Large Sugar, or Hollow-crown.....	per lb.	1 00
PARSLEY, Double, or Curled.....	"	1 00
"    Extra Curled, dwarf.....	"	1 50
PEAS, Dreer's Extra Early (the earliest).....	per bus.	10 00
"    Carter's First Crop.....	"	10 00
"    Early Dan'l O'Rourke.....	"	6 00
"    Early Tom Thumb.....	"	12 00
"    Dwarf Blue Imperial.....	"	6 00
"    Champion of England.....	"	8 00
"    Eugenie.....	"	10 00
"    Hairs' Dwarf Mammoth Marrow.....	"	10 00
"    White Marrowfat.....	"	4 50
"    Black-eye Marrowfat.....	"	4 50
PUMPKIN, Cashaw, (Crook-neck).....	per lb.	80
"    Field.....	"	30
RADISH, Early Scarlet Olive-shape.....	"	1 25
"    Early Scarlet Turnip-rooted.....	"	1 00
"    Early White Turnip-rooted.....	"	1 00
"    Early Long Scarlet, Short-top.....	"	1 00



RADISH, Early French Breakfast.....	per lb.	\$2 00
“ White Summer, or Naples.....	“	1 25
“ Yellow Turnip, Summer.....	“	1 00
“ Black Spanish, Winter.....	“	1 50
“ Scarlet China, Winter.....	“	2 00
SALSIFY, or Oyster Plant.....	“	2 00
SPINACH, Round-leaved Savoy.....	“	60
“ Prickly-seeded.....	“	60
SQUASH, Early White Bush, or Patty-pan.....	“	1 00
“ Green Summer, Crook-neck.....	“	1 50
“ Boston Marrow.....	“	2 00
“ Hubbard.....	“	2 00
TOMATO, Extra Early Smooth.....	“	3 50
“ Cook's Favorite.....	“	3 50
“ Large Smooth Red.....	“	3 00
“ Tilden.....	“	4 00
The Tomato Seed is saved with extra care from selected specimens.		
TURNIP, Early White Flat Dutch (Strap-leaved)...	per lb.	75
“ Red, or Purple-top Flat (Strap-leaved)...	“	75
“ Teltow, or Marrow, <i>fine</i> .....	“	1 50
“ Long White French, <i>superior</i> .....	“	1 00
“ Robertson's Golden-ball, or Orange Jelly	“	1 00
“ Yellow Aberdeen, or Scotch.....	“	1 00
“ White Norfolk, or Globe.....	“	75
“ Purple-top Swedish, or Ruta-baga.....	“	75
“ Golden Globe Ruta-baga.....	“	75

## GRASS AND AGRICULTURAL SEEDS.

Lawn Grass. <i>Finest mixture</i> .....	per bush. of 14 lbs.	\$5 00
Kentucky Blue Grass.....	“	3 00
Kentucky Blue Grass. <i>Extra clean</i> .....	“	4 50
Natural Green Grass. <i>Very fine</i> ....	“	5 00
Orchard Grass. <i>Scarce</i> .....	“	3 50
Herd Grass, or Red Top. <i>Scarce</i> ....	“ 10	2 00
English or Perennial Rye Grass.....	“	4 00
Italian Rye Grass.....	“	4 00
Tall Meadow Oat Grass. A valuable grass for permanent pasture, or hay for horses, as well as cattle.....	“ 14	4 00
Timothy. Best quality.....	“	4 50
Hungarian Grass.....	“	3 00
Sweet-Scented Vernal Grass.....	per lb.	80
White Dutch Clover.....	“	60
Alsike or Hybrid Clover.....	“	80
Lucerne or French Clover.....	“	60
Red Clover. Best quality.....	about ‘	15
Corn. Early white flint, 8-rowed.	per 100 ears	3 00
“ Early Canada, 8-rd., yellow	“	3 00
“ Penn'a, large yellow.....	“	3 00
“ Pop-best, Silver Lace.....	“	3 00
“ For Table varieties, see page 33.		

## ESCULENT PLANTS, ROOTS, ETC.

*Furnished in their Season.*

	Per 100.	Per 1000.
ASPARAGUS ROOTS, Leshier's Mammoth, 2 years old.....	\$1 50	\$10 00
ASPARAGUS ROOTS, Giant, 2 years old.....	1 00	6 00
CABBAGE PLANTS, Early York, Wakefield, Ox-heart, fall sown, wintered in frames.....	1 00	8 00
CABBAGE PLANTS, Spring Plants in Hot-beds....	60	5 00
“ Drumhead, Savoy, etc.....	50	4 00
CELERY, Best Dwarf Solid Varieties.....	75	6 00
“ Dreer's White Solid.....	75	6 00
SWEET POTATO PLANTS OR SLIPS.....	50	4 00
CAULIFLOWER, Best Early Wintered Plants.....	Per doz.	Per 100.
“ “ “ “ Hot-bed “ .....	\$0 50	\$3 00
“ “ “ “ “ .....	30	2 00
EGG-PLANTS, Grown in Pots.....	1 25	8 00
“ Out of Hot-beds.....	60	4 00
PEPPER PLANTS, Large Sweet Bell.....	30	2 00
TOMATO “ Early, Fejee, Tilden, etc.....	30	2 00
“ “ TROPHY, largest and best.....	50	3 00
TARRAGON ROOTS, for flavoring.....	3 00	
GARLICK, English.....	per lb.	50
ONION SETS, Best Philadelphia, White and Yellow.	per qt.	40
TREE, OR TOP ONION SETS.....	“	40
POTATO ONIONS.....	“	40
SHALLOTS.....	“	50
	Per 100.	Per 1000.
HORSE RADISH SETS.....	\$1 00	\$5 00
RHUBARB ROOTS, LINNÆUS, the best.....	10 00	75 00
HOP-VINE ROOTS.....	5 00	
OSAGE ORANGE PLANTS, 2 year old.....	1 00	5 00

## POTATOES.

	Per Pk.	Per Bush.	Per Bbl.
EARLY ROSE, the best early variety.....	\$0 75	\$2 00	\$5 00
LATE ROSE (new), a valuable late variety .....	2 00	7 00	15 00
EARLY GOODRICH.....	75	2 00	5 00
BRESEE'S KING OF THE EARLIES, very early.....	1 00	3 00	7 00
BRESEE'S PROLIFIC, a valuable variety .....	75	2 00	5 00
BRESEE'S PEERLESS, the perfection of a Potatoe for late use, very productive.....	1 00	3 00	7 00
WHITE PEACH BLOW, a first rate late variety .....	75	2 00	5 00

As the prices of Potatoes are governed considerably by the market, the above quotations are but nominal, but are believed to be about the prices that will rule in the spring. Special quotations will be given on application and all other varieties in the market can be furnished

## FLOWER GARDEN.

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Although to the mere economist, flowers are not indispensable or directly remunerative, yet they have become so to the civilized, intelligent and intellectual community in which we live. The most humble cottager, unless deficient in the most simple conceptions of beauty, must have his flower-pot and one or more varieties of flowers. The enthusiastic amateur is no longer content to receive his floricultural novelties at second hand, but must have them direct from the great European centres of Horticulture. We have latterly endeavored to render this necessity of the amateur importing a few seeds or plants unnecessary, by constant attention to obtain every highly recommended novelty, and after testing it, to offer it with our opinion of its merits. We shall continue to do this, and shall endeavor to have, at the earliest day, every valuable acquisition in seeds, bulbs or plants.

Little pains are taken to have the soil of the flower-beds and borders in a friable and active state, not subject to bake. This is what renders it so difficult for small flower-seeds to survive germination, and for the delicate transplanted annuals to make a start. All that the flower-border or beds require, is a dry bottom, with an annual supply of prepared compost, made up of barn-yard manure, leaf-mould, or decayed leaves from the woods, and such other refuse as may appear suitable to enrich the heap. With different soils, special applications will be necessary, as stated under the head of Vegetable Garden. The hot-bed frame as there described, will serve for the purpose of the Flower Garden.—The only additional requisites are flower-pruning scissors, stakes for tying up plants, labels and flower-pots.

THE LAWN, which adds so much to the neatness of the Garden, may be extensive or limited in size, but should always be well prepared and neatly kept. Much of the beauty of the lawn is also due to the variety of grass seed sown. The usual practice has been to employ a mixture of several species, which is prepared for sale. Our Lawn grass mixture consists of five varieties, viz.: Sweet Vernal, Green Grass, Blue Grass, Herd Grass and White Clover. From one and a half to two bushels is the quantity generally sown to the acre. Persons who prefer a different mixture, can have it made up to order.

The Flower-beds may be cut out in the lawn, and in these, bedding plants from the green-house planted, as soon as the weather becomes suitable; also, choice annuals sown. The following brief directions will be found reliable.



## Directions for the Sowing and Management of Flower Seeds.

Provided the soil is in a proper state, flower seeds may be sown in the open border, in the months of April and May; the best criterion is the state of the soil. The seeds should be sown as soon as the soil becomes dry and friable, after the spring frosts have disappeared. Care should be taken not to sow in a crowded border, as light and air are indispensable. They may also be sown in prepared beds, to be transplanted to the garden. The former is the more simple method, but not always satisfactory, as, during the interval between the sowing of the seed and the period of blooming, the ground occupied is not attractive. The most satisfactory way is to sow all fine seeds under glass, in a frame, or in the house, as the changes of climate, heavy rains and drying winds, with hot sun, render the surface of the soil unfit for the germination of small seed. As to the depth to which seeds should be covered, the best general rule is to cover fine and light seeds very lightly, just enough to protect them from the sun; and in extremely dry weather, a sprinkling of damp moss is very useful. With very fine seeds it is best to sow on the surface, and press them slightly into the soil. We are convinced that one of the most frequent causes of failure is in sowing the seeds too deep, and seedsmen are unjustly censured, when the fault lies altogether in the bad management of the cultivator.

The period of sowing has also much to do with the success or failure—as a rule, we find the winter months, even with all the appliances a skilful gardener can give, the most unsatisfactory. A notable instance of which came under our own observation recently. Being desirous of raising a stock of plants of the *Wigan dia Caracasana* during the winter for our spring sales, we made repeated sowings, but failed in every instance; the same seed sown in mid-summer produced a plentiful crop of plants.

For sowing in pots, or seed pans, the best soil is a mixture of equal parts of sand, leaf-mould, and loam, which should be thoroughly mixed and passed through a coarse sieve; then fill your pots or pans within one-half inch of the rim; press the soil firmly and evenly. If the soil is dry it is best to water freely before sowing the seeds, and after they are sown and covered slightly with fine soil, again, carefully watered, to settle the soil down to a uniform surface, using a fine rose on the watering pot.

The importance of uniform attention to watering may be best learned by experience and observation, but the inexperienced cultivator may be reminded that to omit a single watering and allow the young plant-germs from seed to remain in a parched state; or a too frequent indiscriminate watering, often leads to the eventual loss of the whole. As soon as the plants appear, they will require your careful attention, as the least over-watering may cause them to “damp off,” and suddenly destroy all your hopes. They should now have as much sun as possible, and when the weather is pleasant, some air may be admitted. As soon as the plants are large enough to handle, pick them out of the seed-pot; in other words, transplant them into another pot, placing them about one

inch apart; they must be shaded for a few days from the sun, until they are established. When large enough, they can be planted separately into small pots, and kept thus until the proper season for planting out in the garden.

Many annuals are very desirable for the green house for winter blooming, and must be sown in July or August. Of these the most important are Sweet Alyssum, Candytuft, Mignonette. Lobelia, Schizanthus, German Stocks, Browallia, Tropæolum. Many varieties, as well as the above, may be sown later for blooming early in the spring, such as Pansy, Ageratum, Antirrhinum, China Pink, Dianthus Heddewegii, Laciniatus, and Diadematus, Acroclinium roseum, Linum grandiflorum, Mimulus, Myosotis, Petunias, Phlox Drummondii, Salpiglossis, Verbena, Vinca rosea, and others.

**BIENNIALS.**—These do not usually bloom until the second season after sowing. They may be sown out of doors, at least those that are hardy, while a few very desirable ones had better be sown in pots. The following are among the most desirable: Wall-flower, Foxglove, Pinks, Sweet William, Antirrhinum, Hollyhock, Larkspur, Canterbury Bell.

**CLIMBERS,** for garden decoration should be sown in February and March, the earlier the better, as the display for the after season will be in proportion to their early vigor for planting out; such as *Cobæa*, *Thunbergia*, *Maurandia*, *Lophospermum*, *Calampelis* (*Ecchremocarpus*), and *Tropæolum* of sorts.

**CLEMATIS** species amongst hardy shrubs, and **PENSTEMON**, amongst herbaceous plants, are prominent instances of seeds which remain long dormant, often a whole year, before they grow.

The germination of many hard seeds of strong body throughout, either green-house, or hot-house species, which are impervious to moisture, is greatly accelerated by pouring boiling water over them, in a dish or cup, and remain thus until the following morning, and then sown. Thus treated, the young plants often appear in a few weeks, but without such a preparation they are often many months. The varieties of *Acacia*, *Erythrina* and *Canna*, are the most prominent of this class.

**CALCEOLARIA.**—As this very desirable flower requires a little special care, the following method should be adopted. The seed should be sown in the latter part of August, or beginning of September, in pots prepared in the following manner: the pot to be half-filled with drainage, over that the rough sifting of the mould, and the surface covered with soil as fine as possible, half of which should be composed of river sand. When prepared thus, it should be watered with a fine rose, immediately after which sow the seed carefully, without any covering of soil. The pots should then be placed under a close frame or hand-glass, in a shady part of the garden, no artificial heat being required. In large establishments, of course, there are propagating or other houses that will do, where the same kind of moist temperature could be obtained, but any exposure to the sun must be carefully guarded against

by mats or paper. If the situation be of the proper temperature, they will require watering but very seldom. As soon as the seedlings are strong enough, they must be picked off in pots prepared as before, and placed in the same situation; from the store pots they will require to be potted off singly: after this the plants will grow very rapidly. Through the winter the plant will thrive well on the shelves near the glass, in the green-house; and, to obtain fine specimens, they must be shifted on freely till the flower-stalks have started, and should always be smoked with tobacco, as soon as the green-fly appears, as no plants in cultivation so readily suffer from this insect as the *Calceolaria*.

It is necessary to remark, that one of the most frequent causes of the appearance of these injurious insects, is the plant becoming *root-bound*; to avoid which evil, it is important that it should frequently be re-potted during the growing season.


*CINERARIA* and *PRIMULA SINENSIS* are more hardy in their growth, and require somewhat less care than the above, but for them the same treatment will suit in sowing of seed, etc.; only that the seeds being larger they can be slightly covered with fine sandy soil. If required to flower in the winter, seed should be sown in April and May, and in the following months for spring flowering.

It should be borne in mind, that much of the disappointment that occurs in the sowing of Flower seeds, may be obviated by attention to the foregoing hints.

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## ***FLOWER SEEDS BY MAIL.***

Their portability renders them so easily and cheaply transported by mail, that no one with any pretensions to taste in Floriculture need be without a choice selection. For the accommodation of those who are unacquainted with the varieties, we have put up the following assortments of the most desirable free blooming and showy kinds, which will be promptly mailed (prepaid) upon the receipt of a remittance.

 Correspondents will please write their names legibly, and in full, with post office, county, and state.

- |        |  |        |
|--------|--|--------|
| No. 1. | Twenty-five choice annuals, free bloomers, for.....  | \$1.00 |
| " 2.   | Twenty-five choice biennial and perennial varieties.   | 1.00   |
| " 3.   | Twelve very choice annual varieties .....  | 1.00   |
| " 4.   | Twelve new and rare varieties.....   | 2.00   |
| " 5.   | Twenty-five varieties for Green-house culture.....   | 4.00   |
| " 6.   | One hundred varieties annual, biennial and perennial, including many choice sorts, a fine selection. | 5.00   |

As an inducement to *POSTMASTERS AND OTHERS* forming Clubs, we will forward, post-paid, six One-Dollar packages for a remittance of Five Dollars.

 At these prices, invariably our own selection. The latest novelties are not included in these collections; but a liberal discount will be made from catalogue price when ordering a quantity. See page 4.



# Novelties and Select List of Flower Seeds.

## WORTHY OF SPECIAL ATTENTION.

The letters preceding the varieties denote:—*b.* biennial, or such as last two seasons; *p.* perennial, or such as exist from year to year; *t.* tender, which will not endure the frost; *t. p.* tender perennial, which require the protection of a green-house during the winter; *h. h.* half hardy, requiring some protection; *c.* climbers; a \* denotes that although the variety may be biennial or perennial, it will bloom the first year, if sown early; the remainder are annuals, which arrive at perfection and die off the first year.

Per Pkt.

<b>ABOBRA VIRIDIFLORA.</b> A beautiful climber, with glossy, dark green foliage, small oval scarlet fruit.....	10
<b>ABRONIA UMBELLATA.</b> Trailing, clusters of sweet-scented, rosy lilac blossoms, resembling the Verbena.....	10
<i>p.</i> <b>ACONITUM NAPELLUS.</b> Monk's hood.....	10
<b>ADONIS VERNALIS.</b> ( <i>Flos Adonis.</i> ) Handsome foliage; flowers crimson. One foot high.....	5
<b>AGERATUM.</b> Valuable plants for large beds or borders, and very useful where cut flowers are in demand; in bloom the whole summer, and succeeding in any soil.	
“ <b>CELESTINUM NANUM.</b> Dwarf blue.....	10
“ <b>MEXICANUM.</b> Blue. <b>ALBIFLORUM.</b> White. Each.....	5
<b>ALONSOA WARSCEWICZII.</b> Free flowering; bright crimson...	10
“ <b>GRANDIFLORA.</b> Large flowering. Bright Scarlet.....	10
<i>p.</i> <b>AGROSTEMMA CÆLI-ROSEA.</b> ( <i>Rose of Heaven.</i> ) Pink...	5
<b>ALYSSUM.</b> Free flowering. Pretty little plants, for beds, edgings, or rock work; the annual varieties bloom all summer, also grown in pots for winter flowering.	
“ <b>BENTHAMII.</b> White. New, large, sweet Alyssum.....	10
“ <b>SWEET.</b> White, very sweet; hardy annual.....	10
“ <b>WIERZBECKII.</b> Yellow. Hardy perennial; blooms early.	10
<b>ANAGALLIS.</b> Dwarf, compact, flowering plants; admirably adapted for ornamental baskets, rock work, etc. The choicest varieties are, <b>GRANDIFLORA EUGENIE</b> , light blue. <b>NAPOLEON III.</b> , carmine. Each.....	10
<b>ANTIRRHINUM.</b> ( <i>Snap Dragon</i> ) One of our most showy and useful border plants. The more recently improved varieties of this valuable genus are large, finely shaped flowers of the most brilliant colors, with beautifully marked throats; they succeed in any good garden soil and are very effective in beds. Hardy biennials, blooming the first year from seed; height from 1 to 2 feet.....	
<b>ANTIRRHINUM MAJUS, TOM THUMB.</b> Very dwarf, not above 10 inches in height, of compact growth, with bright vermilion-colored flowers.....	10
<b>BRILLIANT.</b> Bright scarlet with white throat.....	10
“ <b>HENRY IV.</b> Dwarf, white, crimson and scarlet.....	10
“ <b>FIRE-FLY.</b> Orange scarlet, white throat.....	10
“ <b>DELILA.</b> Carmine, with white throat.....	10
“ <b>GALATHE.</b> Crimson, white throat, large flowering.....	10
“ <b>PAPILIONACEUM.</b> Deep blood scarlet, pure white throat,	10
“ <b>CHOICE MIXED SNAP DRAGON.</b> Finest named varieties	10
“ <b>SNAP DRAGON.</b> Mixed older varieties.....	5

For Seeds of Everlasting Flowers, see page 59.



Quilled Aster.—Half natural size.



Rose Aster.—Half natural size.



Pæonia-flora Aster.—Half natural size.



Victoria Aster.—1-10 natural size.



p. <b>AQUILEGIA</b> , ( <i>Columbine</i> ) Fine double varieties, mixed.....	10
“ “ “ single “ “ .....	5
<b>ARGEMONE MEXICANA</b> . Yellow poppy-like flowers; hardy...	5
<b>ASTER</b> . ( <i>Queen Margaret</i> .) One of the most popular and effective of our garden favorites, producing in profusion flowers in which richness and variety of colors are combined with the most perfect and beautiful form: it is indispensable in every garden or pleasure ground where an autumnal display is desired. The French and German Florists have brought this flower to great perfection; we offer all the most choice varieties imported from one of the largest growers in Prussia. All the varieties delight in a rich light soil, and in hot dry weather should be mulched with rotted manure, and well watered.	
<b>ASTER. DWARF BOUQUET</b> . A perfect bouquet of flowers...	10
“ <b>GLOBE-FLOWERED PYRAMIDAL</b> . Choice mixed colors..	10
“ <b>COCARDEAU or CROWN</b> . White centres bordered with rich colors.....	10
“ <b>NEW VICTORIA</b> . Various colors, flowers as large as the Emperor Aster, habit pyramidal.....	10
“ <b>NEW ROSE</b> . Intermediate between the <b>IMBRIQUE</b> and <b>PÆONIA ASTERS</b> ; robust, with large brilliant flowers.	10
“ <b>NEW EMPEROR</b> . Flowers of great size, very double, and fine form and colors.....	10
“ <b>PÆONY PERFECTION</b> . Very double, large, and finely shaped, brilliant colors.....	10
“ <b>PÆONIA-FLORA</b> . Choice mixed colors.....	10
“ <b>HEDGEHOG or NEEDLE</b> . A singularly quilled variety of neat habit.....	10
“ <b>NEW DWARF GLOBE FLOWERED IMBRIQUE POMPONE</b> . Extremely pretty, not above twelve inches in height, forming a compact bush, densely set with beautiful, almost globular flowers. All the varieties are very fine brilliant colors.....	20
“ <b>NEW LARGE FLOWERED ROBUST DWARF</b> . A valuable improvement on the old dwarf Asters, of robust habit, with handsome foliage, and large beautiful imbricated flowers. In addition, all the varieties are very brilliant in colors, lasting double the time in flower.....	20
“ Choice mixed varieties.....	10
“ German quilled, beautiful colors, mixed.....	10
“ German mixed colors .....	5
<b>BALSAM</b> , ( <i>Lady Slipper</i> ) An old and favorite garden flower, producing its gorgeous masses of beautiful brilliant colored flowers in the greatest profusion; of easy cultivation; succeeds in any good garden soil.	
“ <b>CAMELLIA-FLOWERED</b> . Very double, and fine colors, mixed, one to two feet high.....	10
“ <b>NEW ROSE-FLOWERED</b> . Superb double flowers.....	10
“ Mixed Balsams, or Lady Slipper.....	5
Balloon Vine ( <i>Cardiospermum</i> .) Rapid growing climber.....	5
<b>Bartonia Aurea</b> . Golden-flowered.....	5

For seeds of Ornamental Foliage-plants, see page 60.



<b>BIDENS ATROSANGUINEA.</b> Dark red; beautiful.....	10
<b>BRACHYCOME IBERIDIFOLIA.</b> ( <i>Swan River Daisy</i> .) Free flowering dwarf-growing plant, covered during the greater part of the summer with a profusion of pretty Cine- raria-like flowers of a light blue color.....	5
“ <b>ALBIFLORA.</b> A white variety of the above.....	5
<b>BROWALLIA.</b> Very handsome profuse blooming plants, covered with rich strikingly beautiful flowers during the summer and autumn months; blooms finely in the winter, if sown in August.	
“ <b>ELATA CERULEA.</b> Sky blue. <b>ALBA.</b> Pure white.	10
“ <b>GRANDIFLORA.</b> Large sky blue.....	10
<b>BRYONOPSIS ERYTHROCARPA.</b> Splendid climber, with beautiful scarlet fruit, marbled white.....	10
<b>CACALIA,</b> ( <i>Tassel Flower</i> ) A neat annual of easy culture, with tassel-shaped flowers, blooms from July to September; 1½ feet.	
“ <b>AUREA.</b> Golden yellow.....	5
“ <b>COCCINNEA.</b> Orange scarlet.....	5
<i>Calandrina elegans</i> ; <i>grandiflora</i> , each.....	5
<b>CALENDULA PONGEI, FL. PL.</b> Double white, hybrid marigold.	10
<b>CALLIRHOE PEDATA,</b> ( <i>Nuttalia</i> ) Rich violet or purple crimson, close petaled flowers, with white centre.....	10
“ <b>VERTICILLATA.</b> An extremely floriferous creeper, flowers of the same color, but double the size of <i>C. pedata</i> .....	10
“ <b>PEDATA NANA.</b> A superb dwarf variety.....	10
<b>CALLIOPSIS, or COREOPSIS.</b> Showy, free-flowering and beautiful hardy annuals: the tall varieties are very effec- tive in mixed borders, while the dwarf kinds, from their close, compact habit of growth, make fine bedding plants: of easy cultivation.	
“ <b>ATKINSONII.</b> Yellow and crimson; 3 feet.....	5
“ <b>BICOLOR,</b> ( <i>Tricoloria</i> ) Yellow, crimson centre; 3 feet.....	5
“ <b>CARDAMINÆFOLIA HYBRIDA.</b> Brilliant yellow; growth pyramidal; compact and free flowering; 1½ feet.....	10
“ <b>DRUMMONDII.</b> Large yellow flowers 1 foot.....	5
“ <b>MARMORATA.</b> Crimson brown, marbled with yellow; 2 feet.	5
“ <b>NIGRA SPECIOSA.</b> Rich velvety crimson: 2 feet.....	10
<b>CALCEOLARIA.</b> See list of greenhouse seeds.	
<b>CAMPANULA PYRAMIDALIS.</b> Blue, beautiful and stately perennial.....	10
“ <b>SPECULUM,</b> ( <i>Venus' looking glass</i> ) Rich blue.....	5
“ <b>ATTICA.</b> Dwarf, light blue, large flowers.....	10
<b>CANARY BIRD FLOWER.</b> ( <i>Tropæolum Peregrinum</i> .) With yellow canary-like flowers; an ornamental climber.	10
<b>CANDYTUFT.</b> ( <i>Iberis</i> ) Beautiful and effective hardy annuals, for growing in beds, or masses; the white varieties are much grown by florists for bouquets.	
“ <b>ROCKET.</b> White. <b>UMBELLATA.</b> Purple. Each.....	5
“ <b>CRIMSON.</b> Dark red. <b>CROWN FLOWERED.</b> White.....	5

For seeds of Green-house plants, see page 62.

<b>p. CANTERBURY BELL.</b> ( <i>Campanula Media</i> ) When well grown, are among the most attractive of border plants; they succeed in light rich soil, planted about 2 feet apart. Hardy.	
" <b>SINGLE BLUE. SINGLE WHITE.</b> Each.....	5
" <b>DOUBLE BLUE. DOUBLE WHITE.</b> Each.....	10
<b>CARNATION.</b> ( <i>Dianthus Caryophyllus</i> .) The Carnation Pinks are general favorites for their delicious fragrance and richness of colors. The seed we offer has been imported from the best sources, in Europe, and will produce splendid double flowers.	
" <b>FINEST GERMAN,</b> (imported,) in packages of 40 seeds.....	50
" " <b>FRENCH,</b> " " " " " " " " " " " "	50
" <b>REMOYANT, or PERPETUAL,</b> " " " " " " " " " " " "	50
" <b>FINE DOUBLE, mixed.</b> .....	25
<b>CATCHFLY.</b> ( <i>Silene Armeria</i> ) Hardy, free blooming annuals.	
" <b>LOBEL'S RED. LOBEL'S WHITE. Mixed.</b> .....	5
" <b>PSEUDO-ATOCION.</b> Rosy pink with white centre.....	10
<b>CELOSIA SPICATA ROSEA.</b> Feathery spikes of bright rose flowers.....	10
" <b>PYRAMIDALIS AUREA.</b> Golden spikes.....	10
<b>CENTAUREA AMERICANA.</b> Lilac purple, large and showy....	5
<b>CENTRANTHUS MACROSIPHON.</b> Pretty, compact growing plant, with long-tubed red flowers, grows freely.....	5
" <b>ALBUS.</b> White.....	5
<b>CHRYSANTHEMUM.</b> Showy and effective summer flowering border plants, quite distinct from <i>C Indica</i> , the <i>hardy perennial</i> autumn flowering varieties. The varieties are:	
" <b>BURRIDGEANUM.</b> Crimson. <b>ALBUM.</b> Double white Each.	5
" <b>TRICOLOR.</b> Yellow and white. <b>GOLDEN YELLOW.</b> "	5
" <b>VENUSTUM.</b> White, with crimson centre, extra fine.....	5
" <b>CORONARIUM.</b> Dwarf, yellow.....	5
<b>CHLORA GRANDIFLORA.</b> Beautiful gentianæ, about 15 inches high, with handsome glossy leaves, large golden yellow flowers, grows vigorously in the open borders.....	10
<b>CINERARIA.</b> See list of greenhouse seeds.	
<b>CLARKIA.</b> An old and favorite hardy annual, growing and producing freely; is a cheerful-looking flower. A native of the Rocky mountains.	
" <b>ELEGANS.</b> Rosy purple. <b>PULCHELLA.</b> Deep rose. Each.	5
" <b>PULCHERRIMA.</b> Deep Magenta. <b>DOUBLE.</b> Each.....	10
<b>p. CLEMATIS FLAMMULA.</b> Hardy climber, flowers white and fragrant .....	10
<b>CLEOME GRANDIFLORA.</b> Spider Plant. Rose-colored flowers.	5
<b>CLINTONIA ELEGANS.</b> Pale blue, pretty dwarf plant.....	5
" <b>PULCHELLA.</b> Bright blue, yellow centre.....	5
<b>COBÆA SCANDENS.</b> Rapid climber, large bell-shaped blue flowers. In sowing, place the seeds edgewise and cover with light soil. Comes up best in a hot-bed.....	20
<b>COCKSCOMB.</b> ( <i>Celosia Cristata</i> .) Ornamental, curious-looking flowers; well known favorites.	
" <b>DWARF CRIMSON.</b> Large, velvet-like combs, (extra).....	10
" <b>YELLOW, CRIMSON, and mixed; each.</b> .....	5

For seeds of Ornamental Grasses, see page 62.

<b>COCCINIA INDICA.</b> Splendid climber, with beautiful smooth, glossy, pentagonal leaves, about 4 inches long by 3 inches broad, contrasting beautifully with the fine, snow-white, bell-shaped flower, fruit brilliant carmine, growth vigorous, habit handsome.....	10
<b>COLLINSIA BICOLOR.</b> Purple and white, free blooming, pretty.	5
“ <b>MARMORATA.</b> Lilac and white, marbled.....	10
<b>COMMELINA CÆLESTIS.</b> A tuberous-rooted plant, with rich blue flowers, free blooming and very pretty.....	10
<b>CONVOLVULUS MAJOR,</b> ( <i>Morning Glory</i> .) One of the handsomest annuals in cultivation; the beauty and delicacy of their colors are unsurpassed. A rapid climber. Fine mixed varieties.....	5
“ <b>Large Blue</b> .....	5
“ <b>Burrigii</b> rosy crimson, with white centre.....	5
<b>CONVOLVULUS MINOR,</b> or <b>Tricolor,</b> free flowering; dwarf, showy plants, producing, in beds and mixed borders, an unusually brilliant effect.	
“ <b>SPLENDENS.</b> Violet, with white centre.....	5
“ <b>WHITE, STRIPED, AND BLUE,</b> each.....	5
“ ( <b>Tricolor</b> ,) fl. pl. double.....	10
“ <b>AUREUS SUPERBUS.</b> New, golden yellow flowers.....	25
“ <b>CANTABRICUS,</b> rosy purple, beautiful trailer, for hanging baskets, or for bedding plant.....	20
“ <b>MAURITANICUS,</b> beautiful for hanging baskets and vases...	25
<b>CREPIS BARBATUS.</b> Golden Hawkweed.....	5
<b>CYPRESS VINE,</b> ( <i>Ipomœa quamoclit</i> ) A very beautiful climber, with delicate fern-like foliage, and masses of bright crimson flowers. Plant about the 10th of May.....	5
“ <b>WHITE.</b> A pure white variety of the above, true.....	10
<b>CYANUS,</b> ( <i>Blue Bottle</i> .) Mixed .....	5
<i>p.</i> <b>DAISY,</b> ( <i>Bellis perennis</i> .) Finest double imported.....	20
<i>t. p.*</i> <b>DAHLIA.</b> Saved from fine double varieties.....	20
<b>DATURA.</b> An ornamental class of plants, very showy. In large clumps and borders of shrubbery they produce an excellent effect. the following are the most desirable.	
“ <b>ATROVIOLOACEA PLENISSIMA,</b> from Cochin China, 4½ feet high, flowers dark violet.....	25
“ <b>FASTUOSA HUBERIANA.</b> Superb variety, 5 feet in height, with large double lilac flowers, inner parts almost pure white, valuable annual for groups.....	25
“ <b>HUMULIS.</b> A rare and ornamental plant, with large, conspicuous, double-drooping flowers, trumpet-shaped, of a rich Nankeen yellow; delightfully fragrant.....	20
“ <b>WRIGHTII,</b> ( <i>Meteloides</i> .) White, bordered with blue.....	10
<b>DELPHINIUM FORMOSUM.</b> Splendid hardy perennial Larkspur, brilliant blue flowers; flowers the first year, if planted early.....	10
“ <b>MONS. NEUNER.</b> Fine large blue.....	10
“ <b>CHINENSE PUMILUM.</b> Azure blue, dwarf, free-flowering.	10

For Flower seeds in Assortments, see page 66.





DIANTHUS HEDDEWIGII DIADEMATIS, fl. pl.

DOUBLE DIADEM PINK.

This is a striking novelty of wonderful beauty, its flowers have a diameter of two to three inches each. They are regular, densely double ; of varied tints, from lilac, crimson, and purple, to the deepest black purple—the outer edges are fringed or toothed, and nearly white. Per packet, 25 cents.

- DIANTHUS.** (*Pinks*) A magnificent genus, embracing some of the most popular flowers in cultivation, of great variety of color and profusion of bloom. Hardy biennials, blooming the first season from seed.
- “ **CHINENSIS.** (*China or Indian Pink*) Superb double varieties. 10
- “ **CHINENSIS CORONATUS.** A beautiful hybrid, large flowers of fine form and great substance, pure white, with broad stripes of various shades of brilliant purplish crimson 20
- “ **IMPERIALIS.** Very fine, double..... 10
- “ **FLORA PLENA ALBA.** Double white, Indian pink..... 10
- “ **NANUS, VAR. ATRO-SANGUINEUS PL.** A fine acquisition; the plant is five inches high, flowers globular and profuse; color, dark blood-red..... 10
- “ **HEDDEWIGI.** (*New Japan Pink*) Colors vary from the richest velvety crimson, to the most delicate rose; flowers from 2 to 4 inches in diameter, very showy..... 10
- “ **HEDDEWIGI, FL. PL.** A fine double variety of the original type, beautiful colors..... 20
- “ **LACINIATUS.** Remarkably large blossoms of superb colors, with fringed edges..... 10
- “ **LACINIATUS, FL. PL.** A double variety..... 20
- “ **ATRO-PURPUREUS, FL. PL.** Double blood-red hybrid. 10
- “ **ATRO-COCCINEUS.** A brilliant scarlet, very showy variety. 10
- h. b.* **DIGITALIS.** (*Foxglove*) Handsome and highly ornamental plant, of stately growth and varied colors. The varieties are PURPLE, WHITE, YELLOW, and MIXED..... 5
- ECCREMOCARPUS SCABER.** Rapid growth, orange flowers, a beautiful climber..... 10
- ECHIU CRETICUM.** Most beautiful, with brilliant scarlet flowers; remarkably effective bedding plant..... 20
- EGG PLANT, SCARLET CHINESE.** Very ornamental..... 10
- ERYSIMUM PEROFFSKIANUM** From Palestine, orange flowers 5
- ERYTHRAEA RAMOSISSIMA.** Fine rose-flowered Gentianæ, forming dwarf compact bushes, suitable for edges and dwarf beds..... 20
- ESCHSCHOLTZIA.** (*California Poppy*) A profuse flowering and attractive hardy annual for beds or masses.
- “ **CALIFORNICA,** yellow **CROCEA,** orange, **ALBA** white, each 5
- EUTOCA ORTGIESIANA.** A new species, nearly creeping in its habit, introduced from Mexico, flowers, light and dark lilac. 10
- GAILLARDIA.** Splendid bedding plants, remarkable for the profusion and brilliancy of their flowers, continuing in beauty during summer and autumn.
- “ **ALBA MARGINATA.** White edged. **ARISTATA.** Yellow. 5
- “ **PICTA.** Red and orange. **MIXED.** Each..... 5
- “ **RICHARDSONII.** Orange, with brown centre..... 5
- GAURA LINDHELMERA.** Spikes of white and red tinted blossoms, free-flowering, hardy perennial..... 10
- GILIA.** Very pretty dwarf plants, early and free bloomers, valuable for massing.
- “ **ALBA.** Pure white. **CAPITATA MAJOR.** Sky blue.
- “ **TRICOLOR.** White, lilac, and purple, each..... 5

For Novelties in Flower seeds, see page 68.

<b>GLADIOLUS, FINE HYBRID.</b> Saved from first class varieties; special directions furnished for their cultivation.....	10
<b>GODETIA, THE BRIDE.</b> Pure white, with crimson belt.	10
“ <b>ROSEA-ALBA, TOM THUMB.</b> Flower pure white, with a brilliant rose blotch at the base of each petal.....	10
“ <b>RUBICUNDA SPLENDENS</b> .....	10
<i>t.</i> <b>GOURD, ORNAMENTAL, (<i>Cucurbita</i>)</b> A most interesting genus, with striking foliage and most singular fruit.	
“ <b>BOTTLE OR CALABASH</b> .....	5
“ <b>CLUB-SHAPED.</b> 4 to 5 feet long.....	5
“ <b>EGG-SHAPED. MOCK ORANGE</b> .....	5
“ <b>POWDER HORN</b> .....	5
“ <b>SMALL GOOSEBERRY</b> .....	5
<b>GYPSOPHILLA MURALIS.</b> Pink, suitable for hanging baskets.	10
“ <b>PANICULATA.</b> A hardy perennial; flowers are beautiful for bouquets, imparting a light airy appearance.....	10
“ <b>SAXIFRAGA.</b> A lovely miniature species, with delicate branches covered with white flowers, for edgings and small beds; very pretty.....	10
<b>HEARTSEASE.</b> See Pansy.	
<b>HELIANTHUS. (<i>Sun Flower</i>) CALIFORNIAN.</b> Fine double yellow	5
“ <b>NANA.</b> Dwarf Sun Flower.....	5
<b>HIBISCUS AFRICANUS.</b> Cream Color, rich brown centre.....	5
“ <b>PALUSTRUS.</b> Large pink flowers, a hardy perennial ....	5
<b>HOLLYHOCK. (<i>Althæa Rosea</i>)</b> This splendid plant, vies with the Dahlia for summer decorations, and from its stately growth and the varied colors of its magnificent spikes of flowers, may justly claim a place in every large garden or pleasure ground: a hardy perennial.	
“ <b>SUPERB ENGLISH VARIETIES, mixed</b> .....	10
“ “ “ assortments of twelve beautiful colors, each separate.....	1 00
<i>c. p.</i> <b>HONEYSUCKLE, Chinese, evergreen</b> .....	10
<i>c.</i> <b>HYACINTH BEAN, (<i>Dolichos</i>)</b> rapid growing, free-flowering climbers for covering arbors, trellises, etc., with lilac-blue flowers, and seed pods of a deep purple maroon color.....	5
“ <b>ALBA.</b> A white variety of the above.....	5
<b>IBERIS LINIFOLIA.</b> A fine autumn-flowered annual species, with delicate rose-colored umbels.....	10
<b>ICE PLANT. (<i>See Mesembryanthemum.</i>)</b>	
<b>IPOMŒA. (<i>Morning Glory</i>),</b> of rapid growth and beautiful flowers. For covering old walls, trellises, arbors, or stumps of trees, they are invaluable.	
“ <b>COCCINNEA.</b> Scarlet, sold as the <i>Star</i> “ <i>Ipomœa</i> .”.....	5
“ <b>LIBATA.</b> Violet, margined with white, fine.....	10
“ <b>STRIATA NOVA.</b> Beautiful striped, three-colored.....	10
“ <b>RUBRA CŒRULEA.</b> Sky blue, large.....	10
<b>IPOMOPSIS ELEGANS.</b> Produces long spikes of scarlet flowers, a half-hardy biennial.....	5
“ <b>ROSEA, CUPREATA, JAUNE CANARIE.</b> Three new varieties of this favorite ornamental plant.....	10
<b>KAULFUSSIA ROSEA.</b> Rose with mauve centre, dwarf.....	5

For Annuals by weight, see page 58.





<b>LUPINUS CHOICE MIXED ANNUAL VARIETIES</b> .....	5
“ “ “ PERENNIAL “ .....	10
<b>LYCHNIS HYBRIDA HAAGEANA.</b> Very beautiful, large brilliant orange-scarlet, and light and dark crimson, white-flaked flowers, dwarf and free-flowering.....	20
p. “ <b>CHALCEDONICA.</b> Scarlet perennial.....	5
p. “ “ <b>ALBA.</b> White. Rose.....	5
<b>MARIGOLD, (Tagetes)</b> Large African, yellow and orange...	5
“ <b>DWARF FRENCH.</b> Fine rich colors, very double.....	5
“ <b>PIGMY DWARF.</b> Very dwarf. Miniature variety.....	5
“ <b>RANUNCULUS, (Calendula)</b> English Marigold.....	5
<b>MARTYNIA FRAGRANS.</b> Large fragrant flowers.....	5
<b>MARVEL OF PERU. (Mirabilis)</b> A well-known and favorite flower, commonly known as the <i>Four O'clock</i> , fine mixed varieties and colors.....	5
<b>MAURANDIA,</b> species. A beautiful tribe of slender-growing rapid climbers, blooming profusely until quite late in the autumn. The varieties are,—	
“ <b>ALBIFLORA.</b> Pure white.....	20
“ <b>BARCLAYANA.</b> Purple, free bloomer.....	10
“ <b>ROSEA.</b> Dark rose.....	10
<b>MELOTHRIA PENDULA.</b> Pretty hardy climber, with handsome foliage, and small fruit, black on coming to maturity, fine for trellises.....	20
<b>MESEMBRYANTHEMUM CRYSTALLINUM.</b> Ice plant.....	10
“ <b>TRICOLOR.</b> Rose pink, with purple centre.....	10
“ <b>GLABRUM. (Dew Plant)</b> light yellow.....	10
<b>MIGNONETTE, (R. seda Odorata)</b> A well-known favorite.	5
“ <b>NEW LARGE-FLOWERED.</b> Best for pot culture.....	10
<b>MIMULUS, or MONKEY-FLOWER.</b> Showy flowers, suitable for the green-house or moist shady situations in the garden.	
“ <b>MOSCHATUS.</b> Musk Plant; fine in hanging-baskets.....	10
“ <b>QUINQUEVULNERUS, MAXIMUS.</b> Very large and finely spotted varieties, showy and effective.....	20
“ <b>HYBRIDUS TIGRINUS.</b> A really charming and valuable acquisition, beautifully tigered or spotted as the Tigered Calceolarias, and Tydeas.....	25
<b>MUKIA SCABRELLA.</b> Pretty climber, with lobed heart-shaped leaves, small scarlet berries, hardy.....	10
<b>MYOSOTIS, or FORGET-ME-NOT.</b> Neat and beautiful little plants; succeeds best in a shady situation. The varieties are,—ALPESTRIS, Alpine; AZORICA, Azorean; PALUSTRIS, true, forget-me-not; ALPESTRIS, ALBA, white, each...	10
<b>NASTURTIIUM, (Tropæolum)</b> The varieties are all desirable, either for the flower border, for pots, or green-house culture. The following are the most choice:	
“ <b>TOM THUMB.</b> Very dwarf, scarlet and yellow, each.....	10
“ “ “ <b>PEARL,</b> cream color.....	10
“ “ “ <b>BEAUTY,</b> orange-spotted.....	10
“ <b>KING OF THE TOM THUMBS.</b> Bluish green in foliage, intense scarlet flowers, the best variety in habit, and the brightest in color.....	10

<b>NASTURTIUM, KING THEODORE.</b> Selected from King of Tom Thumb, having the same bluish-green foliage, with intense black flowers.....		10
" CARTER'S CRYSTAL PALACE GEM. Dwarf, sulphur-col. flowers, dark red spot near the base of each petal.....		10
" LARGE DARK CRIMSON. Very showy .....		5
" CATTELL'S DWARF CRIMSON, and SCARLET, each.....		5
<b>NEMOPHILA, (Grove Love.)</b> Of neat compact uniform habit of growth, comprising varied and beautiful colors, bloom freely all summer. The varieties are,—INSIGNIS, blue: MACULATA, white with lilac vein, each.....		5
" MARGINATA. Azure blue, edged with white.....		10
<b>NIGELLA DAMASCENA, (Love in a Mist.)</b> Blue flowers,..		5
" " NANA. A dwarf variety. " .....		5
<b>p. OENOTHERA GRANDIFLORA.</b> Evening primrose, yellow,.....		5
" ROSEA, a new dwarf rose-flowering annual,.....		10
" BISTORTA VEITCHIANA. Neat dark yellow,.....		10
" DRUMMONDII NANA. A golden yellow blossom,.....		10
<b>OXALIS ROSEA.</b> Dwarf, with clusters of rose-colored blossoms		10
" FLORIBUNDA ROSEA. New, very fine free-flowering.....		10
<b>PALAFONIA TEXANA.</b> Pretty fragrant, brown and red flowers,		5
<b>PHACELIA CONGESTA.</b> Pretty blue annual.....		5
<b>PHLOX DRUMMONDII.</b> An indispensable plant for bedding, quite as desirable as Verbena. The following are choice.		
" ALBA. Pure white.....		10
" OCCULTA. White, with dark eye.....		10
" LOUIS NAPOLEON. Brilliant scarlet.....		10
" LEOPOLDIANA. Pink.....		10
" RADOWITZL. Dark rose, striped with white.....		10
" MARMORATA. Marbled.....		10
" COCCINNEA. Scarlet.....		10
" QUEEN VICTORIA. Violet with white eye.....		10
" EMPRESS EUGENIE. Rose.....		10
" VIOLACEA. Violet.....		10
" ISABEL. Light yellow.....		10
" CHOICE MIXED. Finest varieties.....		10
" GOOD MIXED. Old varieties.....		5
" PERENNIAL VARIETIES. Mixed.....		10
<b>PINKS. (Dianthus) EXTRA DOUBLE CHINA.</b> Picturesque colors, fine, hardy biennial..		10
" Fine Garden. Double and fine perennial..		10
" PICOTEE. Finest selected English perennial.....		25
" PHEASANT'S EYE. ( <i>Dianthus Plumarius</i> ) Perennial.....		5
" PLUMARIUS NANUS. A new dwarf, double white variety, producing all double flowering plants from seed, very compact, not above six inches in height. Perennial.....		20
<b>PANSY, (Viola Tricolor)</b> An indispensable and charming hardy perennial. The best blooms are from seed sown in the Autumn, and slightly protected in frames during the Winter. These flower early in the Spring. The plants from Spring sowing should be planted out in a shady border, and will produce fine blooms in the Fall. They require a fresh soil, well enriched with decomposed manure		





<b>PANSY, DREER'S PREMIUM VARIETIES.</b>	Saved from	
first class flowers, with special directions how to cultivate..		50
" best English Imported.....		25
" new light blue.....		25
" ROI DES NOIRS, new black.....		25
" PURPLE. White-edged .....		25
" good imported variety.....		10
<b>PENSTEMON.</b>	Choice mixed varieties,.....	10







**New Double-flowering Portulaca.**

(*Portulaca grandiflora* fl. pl.)

Among all the late acquisitions to the flower garden, there is none more desirable. A bed of double Portulaca, when seen under a mid-day sun, presents such a glow of brilliant colors as to excite the admiration of all beholders; the flowers are perfectly double, and of the most brilliant scarlet, crimson, white, variegated, buff, yellow, orange, and rose, and the plant is admirably adapted to withstand the influences of heat and drought, rendering it peculiarly adapted to our hot and dry summers. Sow the seed in the spring in very fine soil, *on the surface*, and press into the soil, transplant in beds about one foot apart. As this variety is somewhat uncertain from seed, it is best to reserve some plants, to replace the single ones that may appear in the bed. This can be done at any time, as no plant transplants so easily as the Portulaca. Price, 25 cts. per packet.

Six distinct colors, each separate, per packet \$1.00.



SEDUM. Useful and pretty little plants, growing freely on rock-work, rustic-work, hanging-baskets, &c. ....	10
<b>SENECIO OR JACOBÆA.</b> Free growing plants, producing their gay-colored flowers in great profusion. The varieties are,—DWARF DOUBLE PURPLE, DWARF DOUBLE WHITE, DWARF DOUBLE CARMINE, FINE DOUBLE MIXED.	10
<b>SENSITIVE PLANT.</b> ( <i>Mimosa Pudica</i> ).....	10
<b>SILENE RETICULATA.</b> Brilliant red; very profuse blooming; extremely showy species, two feet in height.....	10
<b>SOLANUM CAPSICASTRUM.</b> A dwarf variety, with red, cherry-like fruit, quite ornamental in pots in the green-house.	10
<b>STOCKS,</b> ( <i>Mathiola</i> ) The Stock Gilly flower is one of the most popular, beautiful and important of our garden favorites; and whether for bedding, massing, or pot culture, it is unsurpassed either for brilliancy and diversity of color, or for profusion and duration of bloom. The TEN WEEK STOCK, ( <i>Mathiola annua</i> ,) is most generally cultivated, and blooms 10 to 12 weeks after being sown; they grow from 6 to 15 inches high, and when grown in rich soil, and occasionally watered with weak guano water, throw out an immense quantity of lateral spikes of bloom, so that each plant forms a perfect bouquet of delightful fragrance. We offer the following select varieties, imported from one of the best growers in Prussia:—	
<b>STOCKS, LARGE FLOWERED TENWEEK.</b> Mixed.....	10
“ “ DWARF TENWEEK. New	
“ “ AURORA COLOR.....	20
“ “ NEW CANARY .....	20
“ “ CRIMSON .....	10
“ “ BLUE.....	10
“ “ PURPLE .....	10
“ “ WHITE .....	10
“ “ NEW SNOW WHITE.....	20
“ “ DARK CRIMSON.....	20
“ “ SCARLET.....	10
“ DWARF BOUQUET. CRIMSON and Rose, each.....	20
“ VICTORIA SCARLET. Very beautiful.....	20
“ INTERMEDIATE SCARLET. Very beautiful.....	10
“ “ WHITE .....	10
“ AUTUMNAL, OR INTERMEDIATE. Choice mixed	10
“ b. PERPETUAL EMPEROR. Choice colors mixed..	10
“ b. BROMPTON OR WINTER. Choice colors mixed	10
<b>SWEET WILLIAM,</b> ( <i>Dianthus barbatus</i> ) A well known free-flowering perennial, producing a splendid effect in beds, mixed flower and shrubbery borders.	
“ HUNT'S MAGNIFICENT AURICULA-FLOWERED.....	10
“ DEAN'S AURICULA-EYED .....	10
“ NEW DARK. Very rich, dark colors.....	5
“ CHOICE DOUBLE.....	20
“ MIXED. Good varieties.....	5

For Flower seeds in Assortments, see page 66.

<b>SWEET PEAS, (<i>Lathyrus</i>).</b> Very beautiful, fragrant and free-flowering climbing plants, flowering all summer.	
“ <b>SIX COLORS.</b> Separate or mixed, each.....	5
“ <b>BROWN'S INVINCIBLE SCARLET.</b> A new intense scarlet variety of the sweet pea, very beautiful.....	16
<b>TAGETES SIGNATA PUMILA, (VILMORIN.)</b> This is really an acquisition to our list of annuals—its dwarf habit, compact and bushy growth, with its densely covered, bright yellow flowers, must give it a prominent position, and prove valuable as well for borders as for beds, planted either by itself, or alternated with different colors.....	10
<b>THUNBERGIA,</b> desirable climbing plants, constant bloomers; the most desirable are <b>ALATA</b> , buff dark eye; <b>AURANTICA</b> , orange dark eye; <b>BAKERII</b> , pure white, each.....	10
“ <b>ALL COLORS.</b> Mixed.....	10
<b>TOURNEFORTIA.</b> Summer Heliotrope.....	5
<b>TROPÆOLUM.</b> See Nasturtium.	
<b>VALERIANA.</b> Red and white, perennial, each.....	5
<b>VERBASCUM PHENICIA.</b> Hardy perennial.....	5
<b>VERBENA HYBRIDA.</b> Seed saved from our large and choice collection of seedlings, <i>extra</i> .....	25
“ choice mixed .....	10
“ <b>AUBLETIA.</b> Reddish purple, hardy perennial.....	10
<b>VERONICA SYRIACA.</b> Bright blue and white... ..	10
<b>VINCA ROSEA</b> and <b>ALBA.</b> Ornamental and free blooming—fine for bedding out in summer—known as the Madagascar Periwinkle, each.....	10
“ <b>ROSEA NOV. SPEC.</b> Pure white, without disk, constant variety .....	10
<b>VIRGINIAN STOCK. (<i>Malcomia</i>)</b> Red and white, each.....	5
<b>VISCARIA OCULATA.</b> Pink, with rich crimson eye.....	5
“ <b>NANA.</b> Dwarf, bright rose.....	5
<b>VIOLET. (<i>Viola Odorata</i>)</b> Single, sweet violet.....	10
<b>WALL-FLOWER.</b> Fine German, mixed.....	10
“ Blood-colored.....	5
<b>WHITLAVIA GRANDIFLORA.</b> Fine violet-blue, one foot high, very effective for bedding.....	5
“ <b>ALBA.</b> A white variety of the above.....	10
<b>ZINNIA ELEGANS, FL., PL., DOUBLE ZINNIA.</b> This proves to be quite an acquisition to our list of annuals. Its splendid double flowers rivalling in beauty, size and form moderate-sized Dahlias. Seed, saved from the best double flowers, per paper .....	20
“ New double, in packets, eight select colors, each separate.....	1.00
“ <b>DOUBLE.</b> Saved from good flowers.....	10
<b>ZINNIA ELEGANS. NEW DOUBLE WHITE.</b> At last we have a Pure White Double Zinnia; all that have heretofore been offered have been either single or of a dirty cream color. Messrs. Vilmorin, of Paris, to whom we are indebted for this novelty, state they have grown it in their own garden; that the flowers are large, well shaped, completely double, and <i>pure white</i> . Price, per packet....	20

## ANNUALS BY WEIGHT.

The following are offered by quantity, and are exceedingly showy and effective for massing in beds, borders, marginal lines, or ribbons; also as large groups for front effect in shrubberies, etc., and in covering large or blank spaces, or beds:

Acroclinium roseum, rose.....	per oz.	\$1 50
Ageratum Mexicanum, blue.....	"	1 50
Alyssum, Sweet, white.....	"	1 50
Amaranthus tricolor.....	"	1 00
Asters, German, mixed.....	"	1 00
" " quilled and pyramidal.....	"	1 50
Balsams, dwarf, camellia-flowered.....	"	2 00
Cacalia, scarlet and yellow mixed.....	"	1 00
Calliopsis marmorata, tinctoria, and Drummondii....	"	1 00
Candytuft, white, purple, and crimson.....	"	50
Cockscomb, crimson and mixed varieties.....	"	1 00
Convolvulus major Morning Glory, mixed.....	"	30
" minor or tricolor.....	"	50
Cyanus minor, (Blue Corn Flower.).....	"	50
Cypress vine, crimson.....	"	80
Dianthus Chinensis, extra double China Pink.....	"	1 50
Erysimum Peroffskianum, orange.....	"	60
Eschscholtzia crocea, orange, California Poppy.....	"	80
Euphorbia variegata, green-and-white, showy.....	"	50
Gilia tricolor.....	"	80
Gomphrena globosa, or Globe Amaranth, crimson and white.....	"	1 00
Helianthus nanus, dwarf double Sunflower.....	"	50
" major, tall double Sunflower.....	per lb.	80
Ipomœa coccinea, Star Morning Glory.....	per oz.	50
" grandiflora superba, large blue flower.....	"	50
Larkspur, dwarf rocket, and tall branching.....	"	50
Marvel of Peru. (Mirabilis.).....	"	30
Marigold, dwarf and tall varieties.....	"	80
Mignonette, sweet-scented.....	"	30
Nasturtium, tall crimson.....	"	40
" dwarf scarlet-and-crimson.....	"	80
Oenothera grandiflora. (Evening Primrose.).....	"	80
Phlox Drummondii, mixed.....	"	1 00
" choice varieties, mixed.....	"	1 50
Petunia, mixed varieties.....	"	1 00
" choice mixed hybrid.....	"	2 00
Perilla Nankinensis, dark-purple foliage.....	"	1 00
Poppy, choice mixed varieties.....	"	50
Portulaca, choice mixed colors.....	"	80
Sweet Peas, choice colors, mixed.....	"	20
Thunbergia, choice colors, mixed.....	"	1 00
Zinnias, fine double varieties.....	"	1 50

Novelties for 1872, see page 72.



## EVERLASTING FLOWERS.

These are desirable for making up Winter Bouquets and Wreaths. They should be cut when in perfection, and dried slowly in the shade.

- ACROCLINIUM.** Charming everlasting flowers, valuable for winter bouquets, flowering freely in any good garden soil—one foot high
- “ **ROSEUM.** Bright rose. **ALBUM.** Pure white, each..... 10
- AMMOBIUM ALATUM.** White, hardy, two feet..... 5
- GOMPHRENA** (*Globe amaranthus*) Handsome everlastings, with showy flowers, suitable for winter bouquets, familiarly known as the “*Bachelor's Button*.”
- “ **ALBA.** White. **PURPUREA,** rich crimson, each..... 5
- “ **AUREA.** Orange. **STRIATA.** Striped “ ..... 10
- HELICHRYSUM.** Exceedingly effective in mixed flower borders; the flowers, if cut when young, are valuable for winter bouquets; succeed in any rich soil.
- “ **MACRANTHUM.** Large pink flowers, two feet..... 10
- “ **NANUM ATRO-SANGUINEUM.** Brilliant deep crimson..... 10
- “ **ALBUM.** Double white, pure,..... 10
- “ **LUCIDUM.** Double yellow. “ ..... 10
- “ **MONSTROSUM.** Large showy flowers, variety of colors..... 10
- “ **COMPOSITUM MAXIMUM.** Double, all colors mixed..... 10
- “ Fine Mixed Varieties, assorted colors..... 5
- HELIPTERUM SANFORDII.** A very pretty and distinct annual of a dwarf tufted habit, growing on ordinary soil, about nine inches high, with neat foliage, and large globular clusters of bright golden yellow flowers..... 20
- MICROPUS SUPINUS.** Hardy, of dwarf compact growth, bright yellow flowers, very handsome for the open borders. 20
- POLYCOLYMNA STUARTII.** White, hardy..... 5
- RHODANTHE.** A beautiful class of Everlastings for winter bouquets. The flowers require to be gathered when young, and dried in the shade. Valuable for pot or border culture.
- “ **ATRO-SANGUINEA.** Dwarf, branching habit, disk of dark violet or crimson brown shade, ray scales of a bright purple or Magenta color..... 20
- “ **MACULATA.** Bright rosy purple, yellow disk..... 20
- “ “ **ALBA.** Silvery white..... 20
- “ **MANGLESII.** Bright rose, silvery calyx..... 10
- h. h. p.* **STATICE BONDUELLI.** Deep golden yellow..... 10
- “ “ **SINUATA.** Purple and yellow..... 10
- WAITZIA AUREA.** A handsome half hardy annual eighteen inches in height, branched at the base, bearing clusters of bright yellow flowers, one inch in diameter..... 20
- “ **CORYMBOSA.** Clusters of elegant flowers, about one inch across, of a deep amaranth on the outer part, paler inside, and with yellow disk; succeeds well in light soil..... 20
- XERANTHEMUM.** Remarkably showy and free, flowering, hardy annual. The varieties are,—**DOUBLE PURPLE,** **DOUBLE YELLOW,** **DOUBLE WHITE,** each .. 5

## ORNAMENTAL FOLIAGE PLANTS

Have become very popular for ornamental gardening and sub-tropical effect. The following varieties can be readily grown from seed:

- ACANTHUS.** A stately and beautiful ornamental foliage plant. From the leaf of *A. mollis* the capital of the Corinthian column is derived. Growing freely in any good, deep, rich, loamy soil. Hardy perennial.
- " **LATIFOLIUS, MOLLIS, SPINOSUS,** each, per packet..... 10
- AMARANTHUS.** Showy, annual plants; some with ornamental foliage, and very effective in groups.
- " **CAUDATUS.** (*Love lies Bleeding.*) Blood-red flowers, 3 to 4 feet..... 5
- " **HYPOCHONDRIACUS.** (*Prince's Feather.*) Showy; 4 to 5 feet..... 5
- " **MELANCHOLICUS.** (*var. Ruber.*) Introduced by Mr. Veitch, from Japan. Its habit is very compact, height 12 to 18 inches, with striking blood-red foliage. A very fine-foliaged bedding plant..... 10
- " **TRI-COLOR.** Leaves red, yellow, and green; very handsome and showy; known also as "*Joseph's Coat.*".... 5
- BOCCONIA JAPONICA.** Foliage perfectly white on the under side, and fine spikes of cream-colored flowers. Hardy perennial; 4 to 5 feet..... 10
- " **FRUTESCENS.** Large, glaucous foliage, of fine effect for out-door decorations..... 25
- CANNA, or INDIAN SHOT.** The Cannas are a stately species of plants, highly ornamental, producing a very rich and Oriental effect, by their large, broad, massive foliage, terminated by racemes of crimson, orange, or scarlet variously lobed flowers. Soak the seed in hot water before planting, take up the roots before frost, and preserve in a warm cellar or room.
- " **AUGUSTIFOLIA.** Light-red; dwarf; 1 foot..... 10
- " **BIHORELLI.** Scarlet; dwarf, with rich brown leaves, free blooming; 1½ feet..... 25
- " **COCCINNEA,** scarlet; **CUBENSIS,** orange and red, each 10
- " **GIGANTEA,** large, scarlet; **GLAUCA,** yellow, each..... 10
- " **LUTEA PICTA,** shaded yellow; 4 feet..... 10
- " **LIBATA,** intense scarlet, edged with yellow; 4 feet... 10
- " **MUSÆFOLIA HYBRIDA,** red; large foliage; 2 feet..... 25
- " **MUTABILIS,** changeable; 5 feet..... 10
- " **NIGRICANS,** scarlet; foliage intensely dark..... 25
- " **WARSCEWICZII,** brilliant red, dark-shaded foliage..... 10
- " **ZEBRINA,** beautiful striped foliage..... 25
- CENTAUREA GYMNOCARPA,** silvery gray foliage..... 25
- CERASTIUM BIEBERSTEINII.** Most ornamental white-foliaged plant; dwarf; suitable for covering rocks..... 10
- " **TOMENTOSUM,** white foliage; used as an edging plant. 10

CINERARIA MARITIMA, yellow, with silvery foliage. Per pkt.	10
<b>EUPHORBIA VARIEGATA.</b> Showy, white-and-green foliage; about 2 feet high; very ornamental for planting in masses with <i>Amaranthus melancholicus</i> , <i>Tricolor</i> , or <i>Perilla nankinensis</i> .....	5
<b>FERDINANDIA EMINENS</b> , showy and large foliage; 4 feet...	25
<b>HERACLEUM EMINENS.</b> A hardy, perennial, herbaceous plant, with large three-lobed leaves of remarkably thick, firm texture, and rounded sinuous divisions, or secondary lobes. The entire foliage is prominently surfaced with a light, glaucous, green velvety down, which it holds throughout the season, until the approach of frost. As a plant for long-continued effect, and beautifully-expanded leaves of grand proportions, it forms one of the finest delineations of leaf-structure yet introduced to gardens.....	25
<b>MAIZE. STRIBED-LEAVED JAPANESE</b> , grows to a height of 4 to 5 feet. It is beautifully and evenly striped, and ribboned with alternate stripes of green and white, and in its earlier stages of growth, is also striped with rose color. Nothing in the way of a foliage plant can exceed in gracefulness and beauty a group of this plant.....	10
<b>MELIANTHUS MAJOR.</b> Very ornamental and effective.....	25
<b>NICOTIANA WIGANDIODES.</b> Magnificent foliage; very large.	25
<b>PERILLA NANKINENSIS.</b> A neat ornamental plant, with dark-purple foliage; very striking.....	5
<b>PYRETHRUM FOL. AUREUM.</b> ( <i>The Golden Feather</i> .) A highly ornamental plant, for ribbon gardening.....	10
<b>RICINUS SANGUINEUS.</b> Showy and effective, growing from six to eight feet high; blood-red stalks and seed-pods.....	10
“ <b>TRI-COLOR.</b> Dark green-and-brown-spotted; the stalk is reddish-brown.....	10
“ <b>AFRICANUS ALBIDUS.</b> New; white-fruited; stems and leaves silvery.....	10
<b>SOLANUM ACANTHOCARPUM.</b> Highly ornamental; from Cochin-China; 8 feet.....	25
“ <b>MARGINATUM.</b> Foliage grayish, margined with silvery-white; 2 feet.....	10
“ <b>ROBUSTUM.</b> One of the finest; from its distinct and handsome growth, the rich brown tint of its young leaves, and long spines, renders the foliage extremely ornamental.....	25
<b>WIGANDIA CARACASANA.</b> A grand plant, with stupendous leaves, richly veined, and stems covered with crimson hairs; of rapid growth and splendid habit; 7 feet high.....	25
<b>YUCCA FILAMENTOSA.</b> Exceedingly stately and highly ornamental hardy plant, requires several years to grow to perfection from seed.....	10



## ORNAMENTAL GRASSES.

These form a beautiful and attractive addition to the Flower-Garden; their graceful forms and refreshing green colors giving a pleasing relief to the brilliancy of the more showy occupants of the flower borders, etc. When carefully dried, they are useful in making up winter bouquets.

<b>AGROSTIS.</b> All the varieties of this class are exceedingly beautiful and graceful; of dwarf growth; 1 to 2 feet.	
“ <b>PULCHELLA, NEBULOSA, PLUMOSA,</b> each, per pkt....	5
<b>ANTHOXANTHUM GRACILE.</b> Graceful and pretty dwarf grass; one-half foot.....	10
<b>AVENA STERILIS.</b> ( <i>Animated Oats.</i> ) 2½ feet.....	05
<b>BRIZA COMPACTA.</b> A new, compact variety of Quaking Grass; also known as Rattle-snake Grass.....	10
“ <b>GRACILIS,</b> small; <b>MAXIMA,</b> large Quaking Grass, each	05
<b>CHLORIS TRUNCATA.</b> Elegant for groups.....	10
<b>COIX LACHRYMÆ.</b> ( <i>Job's Tears.</i> ) 2½ feet.....	05
<b>ELEUSINE BARCINONENSIS.</b> Curious, with stems resembling horns; 1¼ feet.....	10
<b>ERAGROSTIS.</b> ( <i>Love Grass.</i> ) An exceedingly pretty class, highly ornamental; 1 to two feet. The varieties are,	
“ <b>ELEGANS, NAMAQUENSIS, SENEGALENSIS.</b> .....	05
<b>ERIANTHUS RAVENNÆ.</b> Noble grass, with exquisite silvery blossoms; 7 feet.....	25
<b>GYNERIUM ARGENTEUM.</b> The well-known Pampas Grass, with large silvery plumes.....	25
“ <b>ARGENTEUM ROSEUM.</b> Rosy-tinted plumes.....	25
<b>HORDEUM JUBATUM.</b> <i>Squirrel Tail Grass</i> .....	10
<b>IOLEPSIS GRACILIS.</b> Dwarf; suitable for baskets.....	10
<b>PHALARIS ARUNDINACEA, var.</b> <i>Ribbon Grass.</i> .....	05
<b>STIPA PENNATA.</b> ( <i>Feather Grass.</i> ) Beautiful.....	10
“ <b>ELEGANTISSIMA.</b> Superb variety.....	10

## SEEDS OF GREEN-HOUSE PLANTS.

The following varieties can be grown successfully from seed by proper care and attention. For method of sowing, etc., refer to pages 38 and 39. The varieties with a \* are suitable for bedding out during the summer.

<b>ACACIA.</b> A genus of great elegance and immense variety; ornamental foliage; flowers yellow.	
“ <b>DEALBATA,</b> graceful; <b>LOPHANTA,</b> beautiful foliage...	25
“ <b>CHOICE VARIETIES,</b> mixed.....	25
<b>AMARYLLIS.</b> Beautiful bulbous-rooted plants.....	25
<b>AURICULA.</b> Very choice imported varieties.....	25
<b>AZALEA INDICA.</b> Finest mixed varieties.....	25
<b>BEGONIA.</b> Newest varieties, mixed.....	25
<b>BONAPARTEA JUNCÆA.</b> A choice ornamental plant.....	25



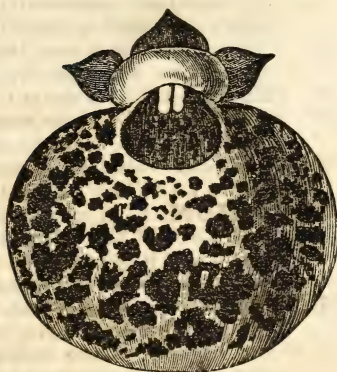
Hybrid Gloxinia.



English Auricula.



Cyclamen Persicum.



Hybrid spotted Calceolaria.

- CALCEOLARIA.** Superb plants, of highly ornamental character, and universal favorites for the decoration of the Green-house or Conservatory. For sowing of seed and cultivation, see page 39.
- “ **HYBRIDA GRANDIFLORA.** Superb, large, self-colored flowers; very choice. Per packet..... 50
- “ **HYBRIDA.** Superb spotted, or tigered flowers..... 50
- “ “ **NANA.** Superb, dwarf, spotted flowers..... 50
- “ **\*RUGOSA.** Shrubby; for bedding..... 50
- CHRYSANTHEMUM INDICUM.** Mixed choice varieties..... 25
- CINERARIA.** A favorite Green-house plant; blooming during the winter and spring months. Our collection is very choice. For culture, see page 40.
- “ Choice hybrid varieties, mixed..... 25
- “ “ “ dwarf varieties..... 50
- “ “ “ very dwarf; 7 inches..... 50
- CLIANTHUS DAMPIERII.** A most beautiful plant, with elegant foliage, and brilliantly-colored, rich scarlet, long, pea-shaped flowers, three inches in length, each flower picturesquely marked with a large, black, cloud-like blotch in front. Planted in the open air in June, it has thriven and bloomed remarkably well during the past summer. It requires a dry, warm soil, and should be watered very sparingly..... 50
- COLEUS.** One of the most beautiful of our variegated foliage plants. Saved from our fine collection..... 25
- CYCLAMEN PERSICUM.** A charming plant, with beautiful foliage and white, pink, and purple flowers, winter blooming..... 25
- “ **PERSICUM ATRO-RUBRUM.** Darkest, large flowering; 50
- EPACRIS HYBRIDA.** Finest mixed sorts ..... 50
- \*ERYTHRINA.** Very ornamental and effective plants for out-door summer decoration, with beautiful foliage and superb spikes of blossoms. The seeds should be soaked in warm water for several days before planting. See page 39.
- “ **CRISTA-GALLI.** Scarlet Coral Plant..... 25
- “ **HENDERSONII.** Rosy vermillion; very splendid..... 25
- “ **LAURIFOLIA.** Scarlet; showy..... 25
- FERNS.** Choice varieties, mixed..... 25
- FUCHSIA, OR LADY'S EAR-DROP.** Mixed..... 50
- \*GERANIUM.** Seed saved from the finest zonale varieties. 25
- “ **APPLE-SCENTED.** This variety can only be raised from seed, and it is seldom that seed can be obtained. We offer fresh seed of our own growing..... 25
- GLOXINIA.** A choice plant, producing in great profusion its bell-shaped flowers, of the richest and most beautiful colors, during the summer months; the bulbs must be kept warm and dry during the winter.
- “ **HYBRIDA GRANDIFLORA.** A very choice and distinct variety, with large, pendulous leaves..... 50
- “ Choice erect and drooping varieties, mixed..... 50



HABROTHAMNUS ELEGANS.	Fine carmine flowers.....	25
*HELIOTROPIUM.	A well-known plant, flowering during the whole season, and, from its delightful perfume, one of the most desirable bouquet flowers.	
" PERUVIANUM.	Light purple.....	10
" TRIOMPHE DE LIEGE.	Large; pale lavender.....	10
" ROI DES NOIRES.	Very dark purple.....	20
" VOLTAIREANUM.	Dark purple.....	20
"	Fine mixed varieties.....	10
*LANTANA.	One of the most desirable of our bedding plants, constantly in bloom. Seed from our fine collection of named varieties .....	10
MIMULUS.	Choice hybrid varieties .....	25
" TIGRINUS FLO. PLENA.	Double variety, saved from Mr. Bull's celebrated collection.....	25
PELARGONIUM.	( <i>Geranium</i> .) Mixed, from the finest fancy and large flowering sorts.....	50
PRIMULA SINENSIS.	( <i>Chinese Primrose</i> .) A charming and profuse flowering plant, indispensable for winter and spring decoration in the Conservatory or Green-house. The seed we offer has been saved from one of the finest collections in Europe.	
" SINENSIS, FIMBRIATA KERMESINA SPLENDENS.—	Very large flowers, bright, velvet-like crimson. This new variety surpasses all other varieties of the Chinese Primrose by its brilliant color and large size.....	50
" SINENSIS, ROSEA FIMBRIATA.	<i>Fringed Chinese Primrose.</i>	25
" " ALBA	" " " "	25
" " FIMBRIATA ALBA, RUBRA STRIATA.	.....	25
" " ERECTA SUPERBA.	Novelty.....	50
The following double Chinese Primroses are very fine and strongly recommended, as they reproduce themselves, true, from seed, to a great extent:		
PRIMULA SINENSIS, KERMESINA FLORA PLENA.	Double crimson.....	50
" SINENSIS, ALBA FLORA PLENA.	Double white.....	50
" " RUBRA	" " red.....	50
PASSIFLORA.	( <i>Passion Flower</i> .) Several choice varieties....	25
PITCAIRNIA SPLENDENS.	A superb hot-house plant, with spikes of brilliant scarlet, with crimson-shaded flowers	50
*SALVIA SPLENDENS.	( <i>Scarlet Sage</i> .) A favorite bedding plant, loaded with spikes of scarlet flowers from July to October.....	25
" *COCCINNEA SPLENDENS.	Deep scarlet.....	10
" " PUMILA.	Dwarf; scarlet.....	10
" " RÖMERIANA.	Crimson.....	10
" PATENS.	Superb deep blue .....	25
TROPÆOLUM LOBBIANUM.	Orange flowers. All the Lobbianum varieties bloom freely during the winter months in the Green-house or Conservatory.....	25
" LOBBIANUM,	<i>Caroline Schmidt</i> . Deep scarlet. ....	25
" " <i>Géant des batailles</i> .	Deep crimson.....	25
" " Finest mixed varieties	.....	25

FLOWER SEEDS IN ASSORTMENTS.

The following are principally imported direct from Prussia, and will be found very choice. They are sold in the original packages at the prices named. Each variety or color separate in the package :

ANTIRRHINUM.....	10	varieties, \$1.00
“.....	6	“ 50
ASTERS, finest quilled.....	24	“ 1.50
“ “ “.....	12	“ 75
“ Globe-flowered.....	12	“ 1.00
“ DWARF BOUQUET.....	12	“ 1.00
“ Truffaut's PÆONIA FLORA.....	12	“ 1.50
“ NEW IMBRIQUE POMPONE.....	12	“ 1.00
“ COCARDEAU, or CROWN.....	6	“ 50
“ EMPEROR.....	12	“ 1.50
“ LARGE-FLOWERED ROSE, (New).....	8	“ 1.00
“ Of the different sorts.....	6	“ 50
BALSAM, DOUBLE CAMELLIA-FLOWERED.....	16	“ 1.00
“ “ “ “.....	8	“ 50
“ NEW FRENCH ROSE.....	6	“ 75
CANNA—beautiful foliage plants.....	12	“ 1.00
“ “ “ “.....	6	“ 50
CARNATION.....	12	“ 2.00
COCKSCOMBS, fine German.....	12	“ 1.00
FERNS, choice varieties.....	12	“ 2.50
GREEN-HOUSE PLANTS, choice selection.....	25	“ 4.00
“ “ “ “.....	12	“ 2.00
HOLLYHOCK'S, superb double English.....	12	“ 1.00
“ “ “ “.....	6	“ 50
IMMOTELLE, or Everlasting Flower.....	12	“ 1.00
“ “ “ “.....	25	“ 2.00
IPOMŒA, HUBER'S NEW JAPAN, var.....	12	“ 1.50
“ “ “ “.....	6	“ 75
LARKSPUR, HYACINTH-FLOWERED.....	10	“ 75
“ CONSOLIDA, branching.....	8	“ 75
MARIGOLDS, fine double.....	10	“ 50
NASTURTIUM, (TROPÆOLUM).....	10	“ 75
ORNAMENTAL-LEAVED PLANTS.....	12	“ 1.50
“ “ “ “.....	6	“ 50
“ GOURDS.....	25	“ 2.00
“ GRASSES.....	12	“ 1.00
PETUNIA, splendid sorts.....	12	“ 1.50
“ “ “ “.....	6	“ 75
PINKS, “ “.....	12	“ 1.00
PHLOX DRUMMONDII.....	16	“ 1.00
“ “ “ “.....	8	“ 50
PORTULACA, NEW DOUBLE.....	6	“ 1.00
“ SINGLE.....	6	“ 25
POPPY, Double Carnation.....	12	“ 75
“ New Pæoniiflora.....	8	“ 50

PRIMULA SINENSIS.....	10 varieties,	\$2.50
“ “ “.....	5 “	1.25
SALPIGLOSSIS.....	10 “	1.00
SCABIOSA MAJOR.....	8 “	50
“ NANA.....	6 “	50
SENECIO ELEGANS, Double Jacobea.....	8 “	50
STOCKS, Large-flowered, Ten-weeks.....	12 “	1.25
“ “ “.....	8 “	75
“ PERPETUAL-FLOWERING, 10-weeks.....	8 “	1.00
“ AUTUMNAL.....	12 “	1.25
“ EMPEROR, OR PERPETUAL.....	12 “	1.50
“ BROMPTON, OR WINTER.....	12 “	1.25
SWEET PEAS.....	6 “	25
WALL-FLOWER, Fine German Double.....	12 “	1.50
ZINNIA ELEGANS, New Double.....	8 “	1.00



**Double Zinnia.** See pages 57 and 71.



## SUPPLEMENTARY LIST

*Of Varieties omitted in the General List, as well as*

## NOVELTIES OF 1870-71.

ARISTOLOCHIA SIPHO. Pipe Vine; hardy.....	Per pkt. \$0	20
ASTERS. Dwarf Chrysanthemum-flowering, mixed.....		10
ADLUMIA CIRRHOSA, (Mountain Fringe), known also as the Alleghany Vine—a beautiful hardy native biennial Vine of graceful habit and delicate foliage, with clusters of rosy-lilac flowers—12 to 15 ft. ....		10
ACHYRANTHUS BORBONICA. Dark purple foliage, dwarf..		25
ALYSSUM SAXATILE COMPACTUM. Superb hardy perennial, for spring bedding and rock work.....		10
AMARANTHUS GORDONII. Bronze crimson foliage, shading off to brilliant scarlet; a fine acquisition for bedding....		25
AQUILEGIA CARYOPHYLLOIDES. Striped Columbine.....		10
AUBRETIA PURPUREA. Purple flowers; a hardy, free-flowering perennial, fine for edgings, rock work, etc.....		10
BALSAM, SOLFERINO. Superb, double Balsam, with flowers striped like a Carnation .....		25
“ DWARF CARNATION STRIPED. Very double.		20
“ THE KING. Brilliant scarlet; imposing in size and color of flowers. ....		25
“ QUEEN. Superb rose; large and beautifully formed flowers. ....		25
“ CAMELLIA, FLORE ALBO. Pure white; fine for bouquets .....		10
BOUSSINGAULTIA LAUCHAUMEII. A new ornamental foliage plant from the West Indies, with fleshy white and green foliage, and bright red stems; fine for bedding in sunny positions .....		10
CALANDRINA UMBELLATA. Rich violet crimson; dwarf		10
“ SPECIOSA ALBA. Pure white; dwarf habit.		10
CANNA BONNETI FLORIBUNDA. Foliage purple and green; flowers large, orange red; very choice...		25
“ SELLOWII. Scarlet; profuse bloomer.....		10
“ NE PLUS ULTRA. Large foliage, of a beautiful bronze purple; flowers large, dark scarlet.....		25
CHRYSANTHEMUM CARNIATUM HYBRIDUM, FL. PL. Various shades of orange, scarlet, and reddish-brown..		10
“ INDICUM, POMPONE. Double perennial varieties.		25
CONVOLVULUS MINOR UNICAULIS. With single upright stem, producing a compact head of flower buds in great profusion; blossoms of immense size, of a rich purplish-blue color; continues in bloom the whole season.....		10
DAHLIA, BOUQUET, OR LILIPUTIAN. Mixed varieties....		20
DIANTHUS IMPERIALIS PLENISSIMUS PICTUS. A new variety of beautifully-striped pinks.....		10

DIANTHUS DELTOIDES. London pride, pink.....	Per pkt.\$0	10
“ CARYOPHYLLUS. Mixed Picotee varieties....		10
DELPHINIUM CONSOLIDUM CANDELABRUM. Dwarf Candelabra-formed Larkspur; branching. with double flowers.		25
ECHEVERIA. A highly interesting class of succulent plants, resembling the House Leek; used for ornamental beds, as well as pot culture.....		
“ METALLICA. Broad, saucer-shaped leaves, of a peculiar lilac and metallic tinge.....		25
“ SECUNDA. Foliage greenish grey.....		20
“ “ GLAUCA. Foliage with a glaucous silvery bloom.....		25
ELICHRYSUM MONSTROSUM ATRO-SANGUINEUM. A new dark red variety of this beautiful everlasting.....		20
ESCHSCHOLTZIA CROCEA STRIATA. Orange, striped with lemon.....		10
“ DENTATA AURANTIACA. A new variety; each petal has its edges lapped upon itself, with a mark of deeper color running up the center.....		10
“ ALBA ROSEA. A splendid novelty. The upper portion of the petals are of a French white, or pale pink, and the under portion shading from rose-pink to crimson-lake; the effect produced by the rose-colored bud of the flower, half opened, is most charming.....		20
FEVERFEW (PYRETHRUM). Double white; a beautiful bedding plant.....		10
GODETIA VERSICOLOR GRANDIFLORA. A charming rock plant, received from Texas, producing a profusion of flowers, in great variety of color.....		20
HIBISCUS SYRIACUS, FOL. VARIEGATIS. <i>Althea</i> , or <i>Rose of Sharon</i> . Variegated foliage; hardy perennial.....		10
HUMEA ELEGANS. A half-hardy biennial; a remarkably handsome decorative plant, either for pots or the garden.		10
IRIS GERMANICA. Hardy perennial; mixed colors.....		20
IPOMŒA COCINEA LUTEA. Small, Yellow Morning-glory.		10
“ GRANDIFLORA SUPERBA. Large, Blue Morning-glory.....		10
“ HUBERII. The new Japanese hybrids, between <i>grandiflora</i> and <i>hederacea</i> . Some with silvery-white, marbled leaves; flowers beautifully margined, of various colors—white, carmine, lilac, rose, etc., mixed.....		10
“ HUBERII, ALBA INTUS ROSEA. Splendid white flowers, with dark-rose throat.....		20
“ HUBERII, ALBA INTUS ROSEA SEMI-PLENA. White, with rose throat; semi-double..		20
LATHYRUS LATIFOLIUS ALBUS. White Everlasting Pea..		10
LILIUM AURATUM. Golden Lily of Japan.....		25

LOBELIAS.—The following new varieties of this popular plant will be found desirable; for edgings, borders, vases, and hanging baskets, they cannot be surpassed.

LOBELIA ERINUS GRACILIS ERECTA ALBA. A new charming white variety, dwarf and compact....Per pkt.	\$0 20
“ ERINUS COMPACTA CUPREATA. Rosy lilac.....	20
“ IMPERIALIS. Of vigorous growth; flowers light blue, with dark blue spots.....	20
“ PUMILA GRANDIFLORA. A new densely compact miniature plant, which, during the summer months, is studded with rich deep azure blue flowers; fine for pot culture .....	20
LYCHNIS ALBA SIEBOLDII. Fine white hardy perennial...	20
MIRABILIS JALAPA, FOLIIS VARIEGATIS. Variegated leaf; Marvel of Peru.....	10
MYOSOTIS AZORICA ALBA. Pure white variety of the favorite Forget-me-not. New.....	20
“ ALPESTRIS ROSEA. A rose-colored variety of the Alpine Forget-me-not.....	20
“ AZORICA, var. COELESTINA. Flowers sky-blue, and produced in great profusion.....	20
NEMOPHILA DISCOIDALIS ARGENTEA. Flowers silvery-white, spotted with chocolate.....	10
“ DISCOIDALIS NIGRA. Flowers, when young, of a pure jet black... ..	10
NIEREMBERGIA FRUTESCENS. Dwarf; lilac flowers.....	20
PANSY, ODEIA, OR FIVE BLOTCHED. Very splendid; beautiful large-eyed flowers .....	50
PETUNIA. Dreer's extra choice mottled white-and-purple, and white-and-crimson varieties. We consider this the finest strain of Petunias ever offered; our collection has taken the First Premium at the Pennsylvania Horticultural Society's Exhibitions.....	25
“ HYBRIDA “FLORA.” A choice variety; crimson, with five white bars, forming a star.....	25
“ KERMESINA GRANDIFLORA. Large; rich crimson.	10
PHLOX DRUMMONDII. New; dark purple and white-striped.	20
“ WILLIAM I. Crimson-striped.....	10
“ Large Blue; white eye.....	10
“ ROSEA. Pure rose. ....	10
“ VIOLACEA VARIEGATA. Violet variegated.....	10
“ ATRO-PURPUREA. Deep blood purple.....	10
POTENTILLA AUREA. Yellow, with pink eye; perennial...	10
PRIMULA VERIS DUPLEX. New double Polyanthus; fine..	50
“ SINENSIS FIMBRIATA PUNCTATA ELEGANTISSIMA. A new dark velvety crimson Chinese Primrose; edges spotted with white; fringed....	50
RESEDA ODORATA GRANDIFLORA AMELIORATA. The plants of this new Mignonette are of a pyramidal form, the foliage and flowers much larger than the old varieties. The flowers have a reddish tint, especially adapted for pot culture .....	10
RESEDA ODORATA EXIMIA. (PARSON'S NEW WHITE MIGNONETTE.) A new and lovely variety, nearly pure white; delightfully fragrant .....	20



SALPIGLOSSIS AZUREA GRANDIFLORA.	Blue. Per pkt...	\$0 10
SILENE PENDULA RUBERRIMA, FLORE PLENO.	A double, dark red variety; free flowering.....	10
SOLANUM CILIATUM.	(From Porto Rico.) A highly ornamental plant, with vermilion-colored fruit, which retains its bright color and form long after ripe.....	20
SMILAX (MYRSIPHYLLUM ASPARAGOIDES).	A beautiful and graceful climbing plant, from the Cape of Good Hope; fine for vases, hanging baskets, etc.....	25
SPIRÆA ULMARIA, FOL. VAR.	A hardy harbaceous variety, with golden-blotched foliage.....	10
STOCK, NEW GIANT INTERMEDIATE.	This is a remarkably fine Stock, continuing in bloom a long time; the flowers are very large and double; color, deep scarlet.....	20
STOCK, LARGE FLOWERED ROYAL GEM.	This is the finest Annual Stock in cultivation, of a rich dark crimson color, and very double; useful for exhibition purposes..	20
STACHYS LANATA.	Ornamental white foliage plant.....	10
TACSONIA VAN VOLXEMI.	A beautiful green-house climber; the flowers are about five inches in diameter, of the richest crimson scarlet.....	50
TROPÆOLUM TOM THUMB CŒRULEA ROSEA.	Rose-colored, underlaid with a blue tinge.....	20
" PYRAMIDALIS.	Grows in the form of a dwarf pyramid; blooms profusely; flowers bright scarlet, thrown well above the foliage. ....	20
" GOLDEN KING OF TOM THUMBS.	With deep golden flowers, thrown well above the dark-colored foliage.....	25
" LOBBIANUM, COULEUR DE BISMARCK.	Flowers of a singular Bismarck brown, very striking and distinct.....	25
VERBENA.	Extra choice, selected from the newest and finest named varieties .....	50
XERANTHEMUM ANNUM, FL. PL. IMPERIALIS.	Flowers are of a superb deep purplish-violet, fine for dried bouquets.....	20
" ANNUM, FL. CARYOPHYLLOIDES.	A new Striped Everlasting; very beautiful .....	10
ZINNIA ELEGANS TAGETIFLORA, FL. PL.	Quite a new selection of Double Zinnias, the petals being quilled as perfectly as a Globe Aster, with the exception of one row of guard petals at the base of the flower, which are perfectly flat .....	20
" NEW DWARF DOUBLE.	Beautiful colors, mixed...	20
" NEW DOUBLE WHITE.	A great acquisition.....	20

# NOVELTIES FOR 1872.

*With Descriptions as received from Europe.*

**AGROSTIS GLAUCA.** A hardy dwarf ornamental Grass, of a beautiful glaucous blue color, fine for edgings, vases, rockwork, etc. Per packet, 25 cents.

**AMARANTHUS SALICIFOLIUS.** This remarkably beautiful Annual was introduced from the Philippine Islands, and we class it as by far the finest *Amaranthus* ever offered to the public. The plant is of pyramidal form, from  $2\frac{1}{2}$  to 3 feet, branching close to the ground. The leaves, which are beautifully undulated, vary in the earlier stages of growth from a green to a bronzy green shade, and are from 5 to 7 inches in length, by about  $\frac{1}{4}$  inch in width. As the plants get stronger, the leaves at the ends of all the principal branches assume a bright orange-red color, and become more elongated, generally from 10 to 15 inches in length, forming magnificent bright-colored plumes, and giving the plant a most elegant and picturesque appearance. From its extremely graceful habit and rich colors, this plant produces a striking effect when planted in beds or masses; it also forms a very handsome object as a single specimen for the centre of a vase, or small bed. Per packet, 50 cents.

**AMARANTHUS ATROPURPUREUS.** From Calcutta; of compact dwarf bushy habit,  $1\frac{1}{2}$  feet in height, covered with numerous half-drooping bright blood-red flower spikes, contrasting advantageously with the reddish grey metallic reflecting foliage. Per packet, 25 cents.

**CENTAUREA CLEMENTEI.** One of the most beautiful of the Silver-foliaged Plants, producing crowns of leaves deeply fringed and cut in lobes: these again being fringed and subdivided in their earlier stages, densely covered with down, as to be perfectly white, and when matured and fully developed, still retaining a bright silvery appearance. Per packet, 25 cents.

**ECHEVERIA ATROPURPUREA.** With dark, blood-red, succulent leaves: highly ornamental. Per packet, 25 cents.

**LOBELIA, SNOWFLAKE.** A perfectly pure white variety of *L. erinus speciosa*; of vigorous habit, fine for pots, baskets, or vases. Per packet, 25 cents.

**MATRICARIA EXIMIA GRANDIFLORA.** A splendid novelty; flowers very large, completely double, and of a fine pure white; blooming very abundantly from June till frost sets in. Per packet, 25 cents.

**NIGELLA DAMASCENA: PURE WHITE.** This is a perfectly pure white variety of the popular Blue Grove Love. Per packet, 25 cents.

**NEW GOLDEN COLEUS.** From our choice collection. Per packet, 25 cents.

## Our Plant Department

Is constantly on the increase, and our facilities for the growing, as well as importation of new plants are equal to any other establishment in the country. Upwards of 30,000 square feet of glass are employed in their propagation, and nearly 50 acres are devoted to the growing of the more hardier kinds of Shrubs, Roses, Dahlias, Bulbs and Flower seeds. Our Plants are not *forced* into an unnatural growth by being confined in a close high temperature, and therefore give such satisfaction to our distant customers.

Orders will be filled as promptly as possible, delays will however sometimes occur, by reason of frost, or where new plants are not sufficiently strong, and well rooted to bear carriage.

We have added many **New Plants** to our collection this season some of which of course we have not yet had an opportunity of testing; they have been selected from the best growers, and are offered under their descriptions. The general list of older varieties has been carefully revised, rejecting all inferior sorts, and retaining only such as have proved themselves adapted to our climate, or have some marked excellence in growth, size of flowers, or beauty of coloring.

To our patrons we are under many obligations for their kind and flattering letters, they are duly appreciated, and we shall endeavor on our part by still greater efforts, in the introduction of new and rare plants, and in the care bestowed in growing and packing the same, with fair and reasonable prices to merit their approval.

To those intending to purchase, or who have not already dealt with us, we take pleasure in referring to a few of the complimentary letters, which we have taken the liberty to publish on page 76.

**PLANTS BY MAIL.**—No order under one dollar will be filled. We shall consider it optional with us either to return the money, (minus the postage) or send the amount in flower-seeds. *This rule has become imperative*, as the mailing of a single plant, or two, at a low price, will not compensate us in the hurry of business for the time and trouble of entering the order on our books, packing up, directing and prepaying postage.

**PLANTS BY EXPRESS.**—This is by far the most satisfactory way of forwarding, as stronger and better plants can be sent, and they will be received in better order.

In making a remittance, the purchaser will please be particular and send a sufficient amount to cover the order. When only a part of the amount is remitted, goods will be sent by Mail only to the amount of the remittance. When sent by Express, we will collect the balance on delivery of the goods. We have been compelled to adopt this rule to all, (except old and well-known correspondents,) on account of the inconvenience of collecting small balances at the close of the season.



## FIRST PREMIUMS RECEIVED IN 1871.

FROM THE PENNSYLVANIA HORTICULTURAL SOCIETY.

March.—First Premium for .....	Cinerarias.
April.                   “                   “ .....	Geraniums.
“                   “                   “ .....	Coleus.
“                   “                   “ .....	Verbenas
“                   “                   “ .....	Pansies.
“                   “                   “ .....	Roses.
“                   “                   “ .....	Echeverias.
May.                   “                   “ .....	Fuchsias.
June.                   “                   “ .....	Display of Plants.
“                   “                   “ .....	Roses.
“                   “                   “ .....	Strawberries.
“                   “                   “ .....	Vegetables.
“                   “                   “ .....	Hanson Lettuce.
Sept.                   “                   “ .....	Roses, best display.
“                   “                   “ .....	Verbenas, best display.
“                   “                   “ .....	Gladiolus, best display.
“                   “                   “ .....	Horticultural Implements

With sundry other Special and Second Premiums too numerous to mention.

## OUR \$5 AND \$10 COLLECTIONS OF PLANTS

Are expressly grown for spring planting, and will be ready to send out from the 1st March to the 1st June. We frequently receive orders for these collections out of season; in which case we will send the best plants we have, and to the full value of the money received, but we cannot engage to send the same varieties, or the same number of plants mentioned on the spring list. The following

## DIRECTIONS FOR UNPACKING

The boxes, and care of plants will be found useful.

Upon opening the box you will observe that the plants are in layers, secured at each end of the box by means of strips, nailed through the outside of the box; remove the strips carefully, and take out each layer of plants. Before planting, remove the moss which is wrapped around the roots of each plant; in some cases, where the plants are small, several are packed in one bundle. Should the weather be favorable for immediate planting (danger of frost being over), and the plants are not injured by long confinement in the box, they may at once be planted out in the flower borders, sprinkling them with water, and shading for a few days from the direct rays of the sun. Should they, however, have suffered, it is desirable to nurse them for a short time in the house, a close frame, or green-house, potting the most tender kinds in a light sandy soil; where pots cannot be obtained, they may be planted in boxes, and exposed gradually to the air and sun.

To insure perfect success, it is essential to have good soil: equal parts of fresh loam, sand, and perfectly rotten stable manure will be found suitable for nearly all plants. Where leaf mould can be obtained, take less sand and manure, say three parts loam, one sand, one leaf mould, and one part manure.

**DREER'S \$10.00 COLLECTION OF PLANTS.***(The varieties of our own selection.)*

The following assortment of one hundred plants will be found desirable, embracing such plants as will insure a continuous bloom throughout the season. We offer the whole collection, including packing, which is done in the most careful and compact manner, (see extracts from letters,) for \$10.00, being a large discount on catalogue prices. Purchasers will find it to their interest to leave the selection of varieties to us, as in such cases they may always rely on receiving the best plants:

10 Everblooming Roses.	1 Gazania splendens.
20 Verbenas.	1 Cuphea Platycentra.
4 Coleus, four varieties.	4 Double Dahlias.
2 Alternanthera, two varieties.	6 Gladiolus, choice.
4 Heliotropes.	4 Tiger Flowers.
4 Fuchsias, single and double.	4 Double Tuberoses.
4 Petunias, " " "	4 Chrysanthemums.
4 Lantanas.	2 Monthly Pinks.
4 Pansies.	2 Monthly Carnations.
2 Scarlet Sage, (Salvia splendens)	1 Lemon Verbena.
1 Rose Colored Sage, (S. rosea.)	2 Hardy Perennial Phlox.
4 Geraniums, assorted.	1 Feverfew.
1 Double Geranium.	1 Nierembergia.
1 Centaurea gymnocarpa.	1 Lobelia.
1 Artemisia stelleriana.	1 Penstemon.
	1 Canna, (Indian shot plant.)

**\$5.00 COLLECTION OF FIFTY PLANTS.**

5 Roses, assorted.	2 Lantanas.
10 Verbenas.	2 Salvias.
2 Double Petunias.	2 Fuchsias.
3 Coleus.	2 Geraniums.
2 Dwarf Heliotropes.	1 Nierembergia.
1 Monthly Carnation.	1 Cuphea.
1 Monthly Pink.	2 Chrysanthemums.
1 Lobelia, new dwarf.	4 Gladiolus, assorted.
1 Gazania splendens.	2 Tiger Flowers.
1 Double Geranium.	2 Double Tuberoses.
2 Pansies.	2 Double Dahlias.

**Orders for Plants** should be sent on a separate sheet from the orders for SEEDS, IMPLEMENTS, and BOOKS, as the departments are entirely separate.

On all orders for plants under \$5.00 a charge will be made for packing. All plants will be forwarded by express, unless otherwise ordered to do so, at the purchaser's expense.

Only small plants can be forwarded by mail, *invariably at the purchaser's risk*, with an additional charge of three cents for postage on each plant.

## COMPLIMENTARY LETTERS.

*From W. C. Pollock, Mt. Vernon, Ill., April 4, 1871.*

The plants and roots you sent arrived in due time, well packed and in good order, and are all doing well.

*From Mrs. H. B. Loflin, De Bois, Washington Co., Ill., May 2, 1871.*

Excuse my delay in offering my sincere thanks for the very prompt and business-like manner in which you responded to my last small order for plants. They came all fresh and bright as if just taken from the green-house, bearing no evidence of their many hundred miles' travel by Express, and indeed they were such fine thrifty plants, and so exquisitely packed, that damage seemed almost impossible. It is generally conceded by all who see my plants received from you, that I receive more and better plants for the money from you than from any other florist with which the people here deal.

*From Mrs. E. C. Smith, Kingston, Barton Co., Ga., February 8, 1871.*

My box of plants came to hand all safe and sound, not one hurt in the least, showing clearly you understand packing to perfection. The plants all look as though they had never been transplanted.

*From Mrs. Hinds Burch, Prides Landing, Bolivar Co., Miss., March 5, 1871.*

Your plants, seeds, and bulbs that I received last year gave entire satisfaction. I must say that I never saw plants as nicely packed in my life.

*From Mrs. Sue M. Davidson, Lewistown, Ill., March 11, 1871.*

Our County Fair, said to be the best in the State, offers handsome premiums on flowers and plants. I took several first and second premiums on the ones I obtained from you. My Verbenas were pronounced the finest both in color and size at the fair.

*From Mrs. A. H. Street, Cadiz, Trigg Co., Ky., March 28, 1871.*

Please send me a few more plants. I am always pleased with what you sent me; never have lost one, and the seeds prove what you say.

*From Mrs. John E. Detrich, Sparta, Ill., April 25, 1871.*

The plants forwarded by you to me arrived to-day in perfect condition. I am delighted with them, but cannot be surprised, as it is not the first time I have had a specimen of your mode of packing. The roses arrived in full bloom, and I have had the box on exhibition to some friends, as a most admirable reason why they too should in future send their orders to you.

*From C. A. Miltonberger, New Orleans, La., March 21, 1871.*

Your box of plants came duly to hand, and in good order. Please accept thanks for your promptness and care in packing.

*From G. D. Hubbard, Jr., Montgomery, Ala., March, 27, 1871.*

Your shipment of plants came duly to hand, and gives perfect satisfaction.

*From Mrs. John Madigan, New Castle, Maine, May 13, 1871.*

The plants you sent me by mail arrived in fine order, looking as if they had just been brought in from the green-house. They are now growing nicely.

*From R. H. Knapp, Atlanta, Ga., June 21, 1871.*

The Gladiolas you sent me this spring are the finest plants I ever saw, some fully four and a half feet high, with some spikes of flowers sixteen inches long. The other bulbs and plants have excelled my most sanguine hopes.

*From Georgine Woodruff, Little Rock, Ark., April 15, 1871.*

The plants you sent me arrived safe, and gave perfect satisfaction. I never saw nicer packing; the plants looked almost as fresh as if the box had been closed only a few hours instead of six days.

*From Mrs. B. O. Williams, Owasso, Mich., March 30, 1871.*

I would like to get a few plants and seeds from your gardens this spring. I can get them from gardens nearer home, but yours come so fresh and nicely packed. They succeed, and do better in fact than those we get in this State.



## WINDOW GARDENING.

The Amateur experiences the greatest difficulty in the management of plants in rooms, from the dryness of the atmosphere. This may, however, be in a measure obviated, by having the stands on which they are placed made with ledges, and covering them with about one inch of sand, on which place the pots. The sand should be kept wet, and may be covered with moss to improve its appearance. The leaves of the plants must be kept clean, and frequently sprinkled with water, or washed with a plant-syringe, which not only keeps off the insects, but clears the leaves of dust and opens the breathing pores. Without a sufficiency of air and light, plants will soon become weak and sickly, and their leaves will turn yellow. For this reason they must have as much sun and light during the winter months as possible, admitting air whenever the temperature is not too cold.

WATERING PLANTS, whether in a room or green-house, must be regularly attended to. Never allow the soil to become so dry that it will crumble under the pressure of the finger; at the same time avoid a constant dribbling of water, as in either case it is sure to terminate fatally, with more or less of the collection. Never water unless the plant really needs it, and then give freely, observing that the surplus runs out at the bottom. If water stands on the surface, it is an indication of insufficient drainage, and should be at once remedied. When saucers are used, the water must be removed from them as soon as it has drained through the pots, as nothing can be more injurious to the roots of most plants than to have the pot they grow in kept standing in water. There are some exceptions, however, to this rule, such as all kinds of *Mimulus*, *Hydrangeas*, *Calla Æthiopica*, *Lobelias*, and all such as require an abundance of water. Plants in a state of bloom or vigorous growth require more water than at other times. Here the Amateur's judgment must be exercised, as scarcely any two plants require the same quantity of water at all times. Never use cold water; but let it conform as near as possible with the temperature of the room. OVERPOTTING, with imperfect drainage, is also a fruitful cause of sickly plants. In transferring a plant to a larger pot, never advance more than one size at a time, observing to give plenty of drainage, by placing a layer of potsherds or bits of charcoal at the bottom of the pot. The novices in plant-culture, when they find their plants becoming sickly, usually resort to over feeding—*via* OVERPOTTING—with the use of stimulants, such as guano or liquid manure, where an opposite course is necessary. Such plants may frequently be restored by reducing the ball of earth, placing them in smaller pots, well drained, and by keeping them moderately dry, the healthy action of the roots will be once more restored, and they will again become healthy specimens; then their growth can be promoted by gradually shifting into larger pots. By an observance of the above hints, nearly all green-house plants may be grown successfully in a room.

## NEW AND RARE PLANTS FOR 1872.

## PURE WHITE CRAPE MYRTLE.



Introduced by Messrs. Nanz and Neuner, of Louisville, Ky., a seedling of the well-known pink and rose-colored *Lagerstræmia Indica*. It is of vigorous and symmetrical growth, and produces its pure white flowers in great abundance. This is a hardy plant in the Southern States, and with slight protection will stand out near Philadelphia, and at the north can be easily wintered in a cellar. It is a great acquisition. Price, \$1.50.

## NEW DWARF POMEGRANATE.



Also introduced by above firm, originated from seed of the well-known single *Punica granatum*. It has a decided dwarf habit, the foliage is smaller and of a finer green than the old variety. In its beautiful foliage, symmetrical shape and the profusion of its bright scarlet flowers, with dwarf growth, it can be advantageously used as a bedding plant, or for pot culture, and from its hardiness, and the facility to keep the plants over winter, must become popular. Price, \$1.00.

## NEW HYBRID PERPETUAL PELARGONIUMS.

This new section is of Bavarian origin, and is recommended for its perpetual free-blooming character and the glowing colors of the flowers. The plants bloom from spring to autumn. Having tested them the past season, they can be confidently recommended.

**APOTHEKER SCHRADER.** Fiery carmine, veined violet and black.

Price, \$1.00.

**FREUND EBBER.** Bright carmine, with dark veins and spots.

Price, 50 cents.

**HOFGAERTNER BRAUN.** Rosy crimson, with intensely dark veins and spots. Price, 50 cents.

**HOFGAERTNER HUBER.** Rosy purple and carmine, darkly spotted. 50 cents.

**MAD. GLEVITZKY.** Fiery vermilion, veined and spotted with purple. Price, 75 cents.

**OBERBUERGERMEISTER HEIM.** Velvety crimson, darkly spotted. Price, 50 cents. The set of six varieties for \$3.00.

## NEW DOUBLE-FLOWERED ZONALE GERANIUMS.

Price, 50 cents each.

**VICTOIRE DE LYON.** Fine violet crimson.

**CROWN PRINCE.** Fine large trusses, of the richest shade of pink yet seen among double Geraniums.

**GLOIRE DE DOUBLES.** Fine cherry, white centre; foliage round, and small; growth compact. Fine.

**KING OF THE DOUBLES.** This, a bright cherry, has perhaps the largest florets of any of the double varieties.

**VICTOR LEMOINE.** Flowers very large and brilliant clear scarlet; very free flowering; the finest of the scarlets.

## NEW ZONALE GERANIUMS.

**ARLEQUIN.** Bright salmon, striped and splashed with white and rose. Price, \$1.00.

**BEAUTY OF LEE.** A beautiful rich deep rose; very fine. Price, 50 cents.

**COLESHILL.** Highly recommended as one of the best scarlet bedding Geraniums, with immense trusses of finely shaped scarlet flowers. Price, 30 cents. \$3.00 per dozen.

**ABBE ROUSSELL.** Fine deep crimson flowers, of quite a new shade. Price, 50 cents.

**BONFIRE.** Large, crimson-scarlet; trusses immense, and abundant. Price, 50 cents.

**BLUE BELL.** A peculiar shade of fine pink. Price, 50 cents.

**CARACTACUS.** Flowers a fine dark rosy scarlet; fine and perfect truss. Price, 50 cents.

**PRIDE OF KENT.** Very large trusses of orange scarlet, with a beautiful broad and dark zone; extra fine. Price, 75 cents.

**MAD. HOSTE (N.)** Flower truss very large; white, with a faint shade of blush. Price, 50 cents.



NEW ZONALE GERANIUMS—*Continued.*

- MAD. MEZARD. A great novelty, in color of a rich and beautiful violet shade. Price, 75 cents.
- MONSTER. Excellent bedding variety, with monstrous large trusses of a fine light scarlet color. Price, 50 cents.
- JEAN SISLEY. Flowers of fine form and substance, of the richest possible shade of scarlet. Price, 75 cents.
- LE PERE HYACINTH. Trusses immense, the single florets measuring fully 2 inches in diameter; color fine deep orange. Price, 75 cents.
- MASTER CHRISTINE. The finest and richest pink Geranium ever sent out. Price, \$1.00.
- LOUIS VEUILLLOT. Fine dark crimson scarlet, truss very large; a fine bedder. Price, 50 cents.
- LOUIS VAN HOUTTE. Rich orange scarlet, white eye. Price, 50 cents.
- KING OF ROSES. Rosy scarlet; extra fine. Price, 50 cents.

## NEW SILVER-EDGED GERANIUM.

- MRS. J. C. MAPPING. With fine silver-edged foliage, growth vigorous and compact, with a splendid white bloom and pink eye. One of the greatest novelties ever sent out. Price, \$1.50.

## NEW GOLDEN BRONZE GERANIUM.

- BEAUTY OF CLAPHAM. Foliage bright yellow, zone an inch broad, bronzy-scarlet; decidedly the finest we have seen thus far. Price, 50 cents.

## HYBRID IVY-LEAVED GERANIUMS.

With fine large trusses of showy flowers, similar to the Zonale Geranium, with the thick fleshy foliage of the Ivy-leaved.

- LADY EDITH. Carmine crimson flowers.
- WILLSII. Neat, erect habit, color bluish-violet, shaded magenta.
- WILLSII ROSEA. Flowers fine rich rose.
- Price, 50 cents each.

## NEW HYBRID DOUBLE PELARGONIUM.

- LADY VICTORIA KERR. Although not quite new, it is still an extremely rare variety, with quite *double-white* flowers, of great substance and duration; dwarf and compact in growth. Price, \$1.00.

## NEW PELARGONIUMS

*of extra Quality.*

- MRS. BRADSHAW. Flowers extra large, pure white, with 5 large dark purple blotches. Price, 75 cents.
- MRS. LEWIS LOYD. Fiery crimson scarlet; very large, and the best foliage of any Pelargonium. Price, 75 cents.
- PRINCE CHARLIE. Not quite new, but still very rare, perhaps the finest show Pelargonium, if all points are taken into consideration; color fine white, tipped with rose and violet. Price, 75 cents. The set of 3 varieties for \$2.00.

## NEW COLEUS FOR 1872.

A choice selection from many hundred new varieties, all fine and distinct.

**MAROON VELVET.** Rich velvety maroon; the finest of the dark varieties.

**PURPLE FRINGE.** Dark bronzy purple, with deeply fringed greenish-yellow edge.

**RETICULATA.** Beautiful green, netted and veined with blackish-purple.

**MEPHISTO.** Blackish-purple, with rich dark brown margin.

**MARGINATA.** Dark purple, richly reticulated margin.

**PRINCE BISMARCK.** A fine variety of that rich new shade called "Bismark brown," with finely fringed edges.

**CRIMSON BRONZE.** Dark bronzy crimson, large foliage and deeply fringed edge.

**NORTHERN LIGHT.** Magenta crimson, with narrow golden edge; short-jointed, and compact in growth.

**AURORA.** Splendid rosy crimson, fine golden edge.

Price, 25 cents each. The set of 9 varieties for \$2.00.

## NEW PERPETUAL FLOWERING CARNATION (PICOTEE).

**PRINCE OF ORANGE.** Color deep yellow, edged with lake; winter-flowering. Price, 75 cents.

## NEW CANNAS.

The very great improvement in this very ornamental class of Plants, obtained of late years, in the large foliage beautifully shaded with various bronzy tints, as well as in the richly-colored flowers of more than double the size of the old varieties, makes this class very desirable, particularly for our hot climate. The roots can easily be wintered in a dry cellar.

**CANNA ACHIRAS FOLIIS VARIEGATIS.** Leaves striped, with broad bands of pale green, or cream color; flowers red and yellow; requires shade. Price, \$1.00.

" **BIHORELLI.** Flowers large crimson scarlet; foliage with a dark purple shade. Price, 50 cents.

" **BONNETTI FLORIBUNDA.** Flowers large orange red; foliage shaded purple. Price, 50 cents.

" **DISCOLOR FLORIBUNDA.** Fine broad bronzy crimson foliage; large blood-red flowers. Price, \$1.00.

" **IMPERATOR.** Immense bright green leaves, with a narrow bronzy edge; flowers very large, of the deepest scarlet. Price, \$1.00.

" **INVOLUCRATA.** Very large green foliage; scarlet flowers; strong grower. Price, 50 cents.

" **MUSÆFOLIA.** Foliage large broad green, resembling a Banana leaf. Price, 50 cents.

" **NE PLUS ULTRA.** Flowers brilliant dark scarlet; foliage large rich bronzy purple; extra fine. Price, 75 cts.

" **NIGRICANS.** Flowers large vermilion; foliage large, broad, with a dark bronzy shade. Price, 50 cents.

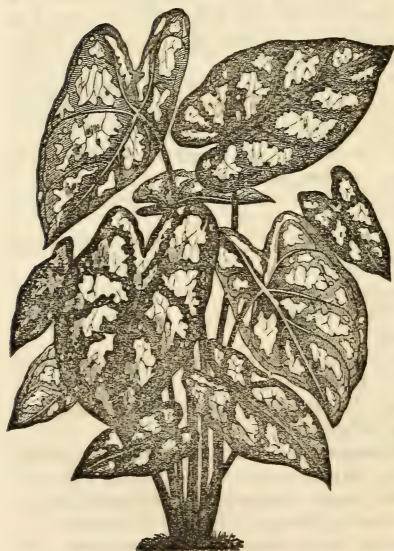
" **RENDATLERII.** Flowers large orange; foliage green and purple. Price, 50 cents.

## NEW AND CHOICE FUCHSIAS.

- ARABELLA IMPROVED.** The finest white sepaled variety grown; corolla deep rose. Price, 75 cents.
- THE ALBERT MEMORIAL.** Said to be the finest double Fuchsia ever sent out, with very large and long violet-purple corolla, and very broad leathery sepals, perfectly reflexed; growth and habit very fine. *Stock limited.* Price, \$2.00.
- AVALANCHE (George Smith).** Very large and very double, pure white corolla; tube and sepals brilliant carmine scarlet. Price, 75 cents.
- CARL KAHL.** Excellent novelty, with medium-sized flowers, and lively red well reflexed sepals; corolla extra-double flowered of a beautiful velvet black brown; profuse bloomer, compact habit. Price, 75 cents.
- J. F. McELROY (Banks).** The finest blue corolla Fuchsia ever sent out. Price, \$1.00.
- PRINCESS OF WALES (Bland).** Double white corolla; of great substance, fine habit, quick growth, and abundant bloomer. Price \$1.00.
- TRIBUNE.** Sepals and tube splendid rich crimson; corolla very large and long; rich plum color, shaded with violet. Price, 75 cents.

## NEW AND CHOICE CALADIUMS.

*Will be ready to send out about the 15th of April.*



This class of beautiful variegated foliage plants, margined and delicately traced with various rich colors, and elegantly spotted and mottled, give them a rare beauty, when alone, or intermingled with other plants. As a decorative plant they are unequalled. They require a moist warm temperature; — great care must be taken in their earlier stages of growth, to prevent decay of the tubers or damping off. The tubers can be best preserved during the winter in charcoal dust, in a warm room.



- AUBER. Green, with dense white and central pink spots. Price, \$1.50.
- AUGUSTE RIVIERE. Green, white centre and rays, and crimson spots. Price, \$2.00.
- BEETHOVEN. White, veined green, midrib rose, robust. Price, 75 cents.
- BELLEYMEI. Ground pure white, veined with green. Price, \$1.00.
- BICOLOR SPLENDENS. Deep crimson, broad green margin. Price, \$1.00.
- CHANTINI FULGENS. Brilliant crimson centre, and white spots. Price, \$2.00.
- DE CANDOLLE. Green, rose spots and creamy rays. Price, \$2.00.
- DUC DE MORNAY. Brilliant crimson rayed centre, broad green margin. Price, \$2.00.
- EMPEROR NAPOLEON. Rich green, centre flamed with crimson and spotted with carmine. Price, \$1.50.
- ENCKEII. Green ground, with light pink spots. Price, \$1.00.
- ENDLICHERIANUM. Carmine rose ground, with grey surroundings, green margin; foliage large. Price, \$2.00.
- HERCULES. Dark green, bright red spots, grey centre, crimson veined. Price, 75 cents.
- LAMARTINE. Large leaf, with deep crimson centre, dense white spots. Price, \$2.00.
- MEYERBEER. White, veins green, and red midribs; fine. Price, \$1.00.
- MILTON. Red veins on grey centre, with large crimson blotches. Price, \$2.00.
- MIRABILE. Centre and ribs crimson, margin green, spotted blood-red. Price, \$1.50.
- REINE VICTORIA. Spotted with white and rich crimson. Price, \$1.00.
- ROSSINI. Pale centre, pink ribs and red blotches. Price, 1.50.
- RUBRA MACULATA. Large dark green foliage, with large spots of orange red. Price, \$1.00.

Also the following choice older varieties, at 50 cents each, or \$5.00 per dozen.

ALPHONSE KARR,  
ARGYRITES,  
BICOLOR,  
BICOLOR PICTURATA  
BOHEMICUM,  
BRONGNIARTII,  
CHANTINI,  
HEMATOSTIGMA,

HOULLETHI,  
MARMORATA,  
NEWMANII,  
PÆCILE,  
REGALE,  
REICHENBACHIANUM,  
SAGITTIFOLIA PICTA,  
WIGHTII.

### ACHYROCLINE SAUNDERSONII.

This is one of the most elegant plants, with silvery-surfaced foliage; its very dwarf and densely-branched shrub-like habit, never running into exuberant growth, gives it the appearance of the ordinary dwarf box edging, being from 4 to 6 inches in height; fine for ribbon rows and small beds. Price, 50 cents each.

**LYSIMACHIA NUMMULARIA AUREA.**

GOLDEN MONEY WORT.

It differs from the old variety in the color of the foliage, which is of a bright golden-green; fine for vases, baskets, and rock-work; hardy and constant in color. Price, 50 cents each.

**LOMARIA GIBBA AND CILIATA.**

Two of the most beautiful low-growing tree Ferns; very ornamental. Price, 50 cents to \$1.00 each.

**ARUNDO DONAX VARIEGATA.**

A hardy variety of the Bamboo, with broad green and white, beautifully variegated foliage; a striking and highly ornamental plant, either as a single specimen or in groups; hardy, with slight covering. Price, 50 cents to \$1.00.

**NEW LANTANAS.**

DOM CALMET. Clear lilac, with orange-red centre; extra-fine. Price, 50 cents.

QUEEN VICTORIA. Pure white, with lemon eye; the best and freest-blooming white variety. Price, 50 cents.

MINE D'OR. Flowers orange-red; foliage beautifully marbled with yellow. Price, 30 cents.

**COPROSMA BAUERIANA VARIEGATA.**

A fine dwarf ornamental plant, with green and yellow glossy oval leaves, introduced from New Zealand; fine for bedding either in sunny or shady positions. Price, 75 cents.

**NEW EARLY CHRYSANTHEMUM.**

LITTLE BOB. Flowers bronzy-red; habit very dwarf and compact; early and profuse bloomer. Price, 50 cents.

**NEW HARDY PERENNIAL PHLOX.**

COMTESSE DE CHAMBORD. White with salmon-purple centre; new color.

DUKE DE MONTEBELLO.

LA CANDEUR. Pure white, large cherry eye.

MADAM DE WENDEL. Pure white, large carmine eye.

MADAM DOMAGE. Very large and fine white, with purple centre.

MADAM RENDATLER. Rosy-violet, with broad white edge; very fine. Price, 50 cents each. The set of seven for \$3.00.

PRINCESS OF WALES. Pure white; dwarf.

**NEW HARDY CLEMATIS.**

LADY BOVILL. Slightly cupped, resembling somewhat an expanded tulip; color greyish blue. Price, \$1.00.

MAGNIFICA. Purple, shaded with crimson. Price, \$1.00.

## ORNAMENTAL FOLIAGE PLANTS.

A choice selection of the most desirable kinds, many quite new and rare, and indispensable for rich effects in garden decorations.

**ABUTILON THOMPSONII.** Folige beautifully mottled with yellow; flowers bright orange, veined crimson; has proven itself as one of our best bedding plants, sun or shade. Price, 25 cents; \$2.50 per dozen.

**ACHYRANTHUS.** Fine robust foliage plants, suitable for either sunny or shady situations. Price, 20 cents each; \$2.00 per dozen.

“ **LINDENII.** Dark purple elliptic foliage.

“ **ACUMINATA.** Large purple heart-shaped leaves.

“ **AUREA RETICULATA.** Yellow, green, and crimson.

“ **VERSCHAFFELTII.** Purple, veined crimson.

**ALTERNANTHERAS.** Dwarf plants for edgings or clumps, in sunny situations, varying in the richest tints of green, crimson, amber, orange. 20 cents each; \$2.00 per dozen.

“ **AMABILIS.** Orange, crimson and dark green.

“ **LATIFOLIA.** Foliage large, oblong, crimson, orange and green.

“ **PARONYCHOIDES.** Green, carmine and amber.

“ **SPATULATA.** Solferino, amber, and green.

“ **VERSCOLOR.** Foliage ovate, olive, crimson, and chocolate; when used for edgings they are to be frequently sheared like box edging, when the young tips will assume the most brilliant hues.

## COLEUS. Select Varieties.

The most popular decorative foliage plant; after careful comparison of past season's introductions, we select the following as the best. Price, 20 cents each; \$2.00 per dozen. For new varieties (1872), see page 81.

**ACIS.** Carmine-crimson, golden edge.

**BARONESS ROTHSCILD.** Crimson, with dark shadings; golden edge.

**BAUSEII.** Blackish-purple; fine fringed edge.

**BEAUTY OF WIDMORE.** White, pink and green; dwarf.

**BRILLIANT.** Bronzy-crimson, with dark veins and shadings; golden edge.

**EXCELLENT.** Bright green, blotched with blackish-purple; serrated edge.

**GOLDEN BEAUTY.** Dark crimson; wavy, and golden fringed edge.

**LUMINOUS.** Bronzy-red; light yellow edge.

**NAPOLEON.** Bright chocolate crimson; dwarf and compact habit; the best for ribbon rows, requires but little pinching back.

**PRINCESS OF WALES.** Carmine; narrow yellow edge.

**QUEEN VICTORIA.** Bronzy-scarlet; broad golden edge.

**SUNBEAM.** Dark bronzy-crimson; golden edge.

**VERSCHAFFELTII.** Bronzy-crimson; the old and well-known bedding variety.



## WHITE (SILVER) FOLIAGE PLANTS.

Forming a fine contrast with *Alternantheras*, *Achyranthus*, *Coleus* and other foliage plants.

**ACHYROCLINE SAUNDERSONII.** New dwarf silver-foliage, resembling box edging; fine. Price, 50 cents.

**ARTEMESIA STELLERIANA.** Dwarf; hardy. Price, 20 cents.

**CENTAUREA CANDIDA.** Downy white; compact foliage. Price, 25 cents.

**CENTAUREA GYMNOCARPA.** Fine fern-like appearance; one of the best. Price, 25 cents each.

**CINERARIA ACANTHIFOLIA.** A fine improvement in outline as well as in color of *C. maritima*; fine for bedding either in sun or shade. Price, 25 cents; \$2.50 per dozen.

**CINERARIA MARITIMA**, or "Dusty Miller." Price, 20 cents.

**GNAPHALIUM LANATUM.** Fine for edging, vases and baskets. Price, 15 cents each.

**GNAPHALIUM TOMENTOSUM.** One of the very best silver-foliage plants for any purpose, sun or shade; long narrow silvery leaves, of compact growth (if pinched); 12 inches high. Price, 20 cents each; \$2.00 per dozen.

## ABUTILON VEXILLARIUM PICTUM.

This beautiful variety is very attractive for the golden spots and marblings of the foliage; desirable also as a winter-blooming plant, and from its dwarf habit very useful in vases, and as a bedding plant. Price, 25 cents each.

## PERISTROPHE AUGUSTIFOLIA AUREA.

A very elegant summer bedding plant, and equally useful for greenhouse decoration; foliage brilliant golden-yellow, three inches long and two inches wide; margined with bright green; compact habit; fine also for baskets, vases, etc. Price, 25 cents each.

## BOCCONIA JEDDOENSIS.

A fine hardy perennial from Japan, with very large oak-leaf shaped glaucous foliage, and large panicles of white flowers; produces a fine effect. Price, 30 cents.

## GREAT AMERICAN ALOE (AGAVE AMERICANA).

An ornamental plant for vases, the lawn, or terrace. Native of Central America. Price, 50 cents to \$10.00.

**AGAVE AMERICANA VARIEGATA.** A variety with variegated leaves; highly ornamental. Price, \$1.00 and upwards.

## PHORMIUM TENAX—New Zealand Flax.

An ornamental plant, with long sword-like evergreen leaves; suitable for vases, or ornamental groups, either in-doors or for the garden. Price, \$1.00 to \$3.00.



### CANNA, OR INDIAN SHOT PLANT.

*Price, 25 cents each; \$2.50 per dozen.*

Cannas are for our climate a particularly suitable class of plants, equally so for their fine ornamental foliage as for their beautiful spikes of rich yellow, red, orange and crimson flowers.

AURANTIACA. Orange.  
 COCCINEA. Scarlet.  
 CUBENSIS. Red and yellow.  
 GIGANTEA. Orange-yellow.  
 GLAUCA. Straw-color.  
 INDICA. Yellow and scarlet.

LUTEA. Yellow.  
 LIMBATA. Light crimson.  
 SPECTABILIS. Yellow & crimson.  
 WARSCEWICZII. Blood-red.  
 ZEBRINA. Beautiful foliage. 50.  
 MUTABILIS. Yellow.

## WIGANDIA CARACASANA.

A stately ornamental plant, with very large, bright-green foliage, covered with hairy-like spines; and a fine pyramidal spike of purple flowers. 50 cts. each.

## SOLANUM WARSCEWICZII.

A fine, tall-growing plant, of a very tropical aspect; with very large, broad and deeply-cut foliage. 50 cts. each.



## COLOCASIA (CALADIUM) ESCULENTUM.

One of the most beautiful and striking of the *Ornamental Foliaged Plants* in cultivation, either for culture in large pots, or for planting out upon the lawn; it will grow in any good garden soil, and is of the easiest culture; when of full size it stands about five feet high, with immense leaves, often measuring four feet in length, by two and a half in breadth; very smooth, of a light green color, beautifully veined and variegated with dark green. The root should be preserved in dry sand, in the cellar, during winter, out of reach of frost. Price 25 cents to 50 cts. each, according to the size of plants.

COLOCASIA JAVANICUM. Dark bluish-green foliage. Price, 50 cts.



## THE VERBENA.

THE VERBENA is the most useful and popular of our bedding plants, yet, for want of proper cultivation, many fail to grow it to perfection. Frequent change of soil is necessary. A fresh, sandy loam, enriched with well-rotted manure, or sods from a pasture, thrown up with cow manure, and well rotted before using, we have found the best. A simple plan, when it is not practicable to renew the entire bed, is to dig holes about one foot square and deep, wherever a plant is desired, and fill up with fresh soil, as above named.

Price, named varieties (purchaser's selection),	per dozen,	\$2.00
“ “ (our selection),	per dozen,	1.50
“ without names, assorted colors, without pots,	per dozen,	1.00
“ “ “ “ “	per 100,	7.00

FIRST PREMIUM FOR VERBENAS, SEPT., 1871,

*at the Grand Autumnal Exhibition of Penna. Horticultural Society.*

**BRAVO.** Orange-scarlet.

**BRIDE.** Pure white; fine bedder.

**BIZARRE.** White, striped with scarlet.

**COCCINEA STRIATA.** White, scarlet-striped; the finest striped verbenas ever sent out.

**COLUMBIA.** Dark maroon, white centre.

**GEM OF THE WEST.** Large salmon rose.

**GEN. MEADE.** Dazzling scarlet, white eye; extra.

**GEN. VON MOLTKE.** White, striped with crimson.

**GLOWWORM.** Dazzling velvety crimson.

**LEOPARD.** White, striped with rose.

**LOUISE.** Fine maroon.

**LOYALTY.** Extra-fine crimson, with dark centre.

**LULU.** Carmine, deep purple centre.

**MONSTROSA.** Large; bluish-violet, white eye; extra.

**MRS. WOODRUFF.** Still the finest scarlet, self.

**PLUTO.** Violet-purple.

**PURPLE GEM.** Fine deep purple.

**ROSABELLA.** Fine rose, white eye.

**ROVER.** Dark crimson; fine.

**SADOWA.** Dark crimson, lemon eye.

**SEDAN.** White, shaded with pale blue.

**SOLFERINO.** Fine solferino color.

**STANDARD.** White, striped with violet.

**TREASURE.** Dark violet-blue, white eye.

**TRUE BLUE.** The nearest shade to blue out.

**VELVET MANTLE.** Velvety crimson, white eye.

**VESTA.** The finest white in cultivation.

**VICTOR.** Violet, striped white.

## NEW AND CHOICE DOUBLE PETUNIAS.

The same treatment recommended for Verbenas, is also the best for Petunias. Price, 25 cents each; \$2.50 per dozen.

ALBA PLENA. Double white.	COLUMBIA. Large; deep crimson.
ARIEL. Crimson, white, mottled.	LILACINA. Very double; lilac.
BELLE OF BALTIMORE. Crimson, blotched.	MAGNET. White, spotted with rosy-crimson; extra-double.
BERTHA. White, rose and crimson.	VICTOR. White, veined and shaded rose.
BUTTERFLY. Large, dark crimson, edged with white.	VIRGINIA. Very large; white, veined with violet.

## SINGLE PETUNIAS.

The following we offer as an unsurpassed collection. Price, 20 cents each; \$2.00 per dozen.

ATTRACTION. Purple, with five white central spots.	OCULATA. Large; white, with purple centre.
CERES. Rose, veined crimson, purple throat.	PICTURATA. Purple, maculated with white.
FIMBRIATA. Rosy-lilac, blotched white, white-fringed edge.	RETICULATA. Rose, veined purple, sometimes tipped with white.
HERO. Crimson, with five white bars.	SANSPAREIL. Fine crimson, white edge.
MACULATA. White, blotched with purple.	STANDARD. White, marbled with purple.
MAGNIFICA. Large; fine salmon rose, with purple throat.	TRIUMPH. White, rose and purple.

## LANTANAS.

One of our best summer-flowering tribe of plants for our climate, equally fine in dry or wet weather, sun or shade. Price, 20 cents each; \$2.00 per dozen.

ALBA GRANDIFLORA. White.	IMPERATRICE EUGENIE. Blush and white.
CROCEA SUPERBA. Orange.	LE NAIN. Orange and carmine.
COMPESSE MORNAY. Blush and rose.	LUTEA SUPERBA. Sulphur.
FILONII. Yellow and purple.	MIRABILIS. Fine orange.
FULGENS MUTABILIS. Scarlet.	RAPHAEL. Orange and purple.
GRAND SULTAN. Scarlet.	SURPASSE. Lilac and yellow.
GIGANTEA. Yellow and purple.	VIOLACEA. Violet; spreading
GARIBALDI. Lilac and buff.	


## HELIOTROPES.

Perhaps the most favorite free-flowering and fragrant tribe of plants in cultivation, equally fine as summer-bedding plants, or in pots during winter in the house. 20 cts. each; \$2.00 per doz.

ALEXINA. Bluish purple.	JULIETTE. Bluish lilac.
BOULE DE NEIGE. Blush white.	SURPASSE DE GUASCOE. Lilac.
GEM. Bluish lilac.	VOLTAIRIANUM. Bluish purple.
GRANDIFLORUM. Pale lilac.	

## ZONALE GERANIUMS. General Collection.

We offer here a carefully revised list of the numerous sorts in cultivation; as a rule, the scarlet varieties will stand our hot summers better than the white, pink and salmon-colored varieties, which latter will most generally be found to improve in a partially shady situation.

 To grow Geraniums or in fact any other plant, it is essential to their success to have a good fresh loamy soil; no amount of manuring will compensate for a lack of this requisite. Every cultivator should have a compost-heap made up of sods and well rotted cow manure, with which to renew the beds. See directions for Verbenas. The following selection is grown in quantity for bedding.

Price, 20 cents each; \$2.00 per dozen.

BICOLOR. Salmon, broad white margin; dark horse-shoe foliage.

CHARMER. White, shaded with light salmon.

GEN. GRANT. Dazzling scarlet, enormous trusses; still the best bedding geranium.

MINSTREL. Large, carmine.

MRS. WHITTY. Deep rose, white eye.

MRS. WM. PAUL. Delicate pale rose.

PRINCESS LICHTENSTEIN. Pink, shaded with salmon.

RIVAL. Velvety vermilion, large superb truss; extra.

WHITE TOM THUMB. Fine white; dwarf.

The following varieties at 30 cents each; \$3.00 per dozen.

AMY HOGG. Fine bright purplish rose.

CHRISTINE. Fine rosy pink.

DR. MURET. Orange-scarlet, immense truss.

EARL DERBY. Immense trusses of brightest scarlet.

FIREFLY. Vermilion, thick shell-like petals.

GEANT DES BATAILLES. Crimson-scarlet; fine and large.

GEN. LEE. Fine, large; crimson trusses.

KATY NICHOLSON. Bright pink; fine large truss.

LA DAME BLANCHE. Large, white, pale rose centre; fine.

LE GRAND. Large, crimson-scarlet.

LEONIDAS. Very large, rich scarlet.

LUCIUS. Salmon scarlet.

MAD. VAUCHER. Fine, large, white.

PURITY. Pure white.

RESPLENDENT. Scarlet, tinted with rose.

SUNNYSIDE. Salmon, with broad white margin.

SURPASSE BEAUTE DE SURESNES. Splendid bright rose; dwarf grower.

TRANSPARENT. Violet-crimson.

WALTHAM SEEDLING. Fine dark crimson.



## DOUBLE-FLOWERED ZONALE GERANIUMS.

Having rejected all the coarse and shy-blooming older varieties, we can confidently recommend the following as a choice selection. A partially shady situation, with a deep soil, will suit them best if bedded out. Price, 30 cents each; \$3.00 per dozen. Larger size in proportion.

LE VESUVE. \* Truss flat, not globular, very large and double, fine scarlet, more dwarf and free flowering, and altogether superior to "*Andrew Henderson*." Price, 30 cents.

MARIE LEMOINE. Fine large double pink; dwarf, compact and free-flowering; extra. Price, 30 cents.

MAD. LEMOINE. Same as the above, but more upright-growing. Price, 30 cents.

GLORY DE NANCY. Rosy-scarlet; a favorite variety. 30 cents.

EMILE LEMOINE. Cherry-carmine; fine and double. 30 cents.

TRIOMPHE DE LORRAINE. Rosy-carmine, occasionally striped white. Price, 30 cents.

TRIOMPHE DE THUMESNIL. Violet rose, shaded carmine. Price, 30 cents.

WILLIAM PFITZER. Flowers large, very double, orange-scarlet; free and dwarf. Price, 30 cents.

### VARIEGATED GERANIUMS:—TRICOLORS—GOLDEN BRONZE—AND SILVER-EDGED.

ARAB. Foliage fine yellow, with bronzy zone; flowers scarlet. Price, 25 cents.

ANTHONY. Yellowish-green, chestnut zone; flowers clear, salmon, white eye. Price, 30 cents.

BEAUTY OF CALDERDALE. Zone reddish bronze, on a golden green ground; flowers fine large scarlet. Price, 25 cents.

CHERUB. Silver-margined leaves, carmine zone; dwarf. 50 cents.

CRYSTAL PALACE GEM (new). Broad, golden margin, green disc; an improvement on Golden Fleece. Price, 50 cents.

E. G. HENDERSON. Light yellow ground, with fine dark bronzy crimson zone. Price, 75 cents.

EGYPTIAN QUEEN. Golden yellow, bronze zone. Price, 50 cts.

ITALIA UNITA. Silver edge, dark zone, shaded with bright carmine. Price, 30 cents each; \$3.00 per dozen.

LADY CULLUM. Golden-yellow, orange-crimson zone. 50 cents.

LITTLE PET. Pink zone, silver edge. Price 50 cents.

BLACK PRINCE. Dark bronzy crimson zone on bright yellow ground, very vigorous; large fine foliage, fine scarlet truss; extra. Price, 30 cents.

PERILLA. Broad dark zone, on fine yellow and green ground. Price, 30 cents.

QUEEN VICTORIA. Golden-yellow margin, rich maroon zone, interspersed with scarlet. Price, 75 cents.

ZEBRA. Chocolate zone, yellow ground; flowers pale scarlet. Price, 30 cents.

VARIEGATED GERANIUMS—*Continued.*

- SOUTHERN BELLE. Golden-yellow ground, broad brilliant crimson zone; compact growth; fine. Price, 30 cents.
- SOPHIA DUMARESQUE. Dark crimson zone, fine broad golden margin; *extra fine*. Price, 50 cents.
- SIR ROBERT NAPIER. A tricolor, with the broadest and darkest zone yet seen, indented with brilliant scarlet; flesh-colored flowers; *extra*. Price, \$1.00.
- COUNTESS OF WARWICK. Silver edge, pink zone. Price, 30 cents.
- MOUNTAIN OF SNOW. Silver edge; vigorous grower. Price, 30 cents.
- MRS. POLLOCK. One of the most beautiful and well-known *tricolors*; bronzy-scarlet zone, golden edge; flowers scarlet. Price, 30 cents each; \$3.00 per doz.
- SNOWDROP. Fine silver-edged. Price, 50 cents.
- SNOWSTORM. Fine broad silver-edged; flat leaf. Price, \$1.00.
- PERFECTION. Broad silver-edged; vigorous. Price, 30 cents.
- SUNSET. One of the best *tricolors*. Price, 50 cents.

## HYBRID BEDDING AND SCENTED-LEAF GERANIUMS.

*Price, 20 cents each; or \$2.00 per dozen, except when noted.*

- |  |   |
|--|---|
| CAPITATUM. Rose-scented.                           | ODORATISSIMUM ERECTUM, or Nutmeg-scented.             |
| CAPITATUM MAJOR. Large leaf, rose-scented.         | QUERCIFOLIUM. Oak-leaved.                             |
| DENTICULATUM. Cut leaf, rose-scented.              | QUERCIFOLIUM NIGRICANS. Oak-leaved, veined black.     |
| LEMON-SCENTED.                                     | SHRUBLAND PET. Dwarf, sweet-scented, scarlet flowers. |
| ODORATISSIMUM. Apple-scented, spicy apple perfume. | PEPPERMINT-SCENTED.                                   |

- MACBETH. An oak-leaved variety, with bold foliage, and fine large scarlet flowers. Price, 30 cents.
- LADY PLYMOUTH. Variegated white-and-green-leaved, rose-scented geranium. Price, 30 cts., each; \$3.00 per dozen.

## IVY-LEAVED GERANIUMS.

These are extremely useful, from their drooping growth, for vases, rustic or suspended baskets.

- AUREA VARIEGATA. Yellow variegated, not constant. Price, 25 cents.
- LATERIPES. The old Ivy-leaved; white flowers. Price, 25 cts.
- ELEGANS. Mauve-colored flowers. Price, 25 cents.
- L'ELEGANTE. Edged with creamy white, large white flowers; *extra fine*. Price, 30 cents.
- DUKE OF EDINBURGH. Variegated with creamy white; vigorous. Price, 25 cents.

## SPOTTED AND FANCY PELARGONIUMS.

Those marked with a \* are fancy varieties. We offer here a carefully selected collection of these rich and showy-flowered Plants. Price, 50 cents each ; \$4.50 per dozen, except when noted.

ANTAGONIST. Maroon, violet pink, and white.	*CLOTH OF SILVER. Silvery-white, delicate rose blotched. 75 cts.
CHARMER. Crimson white centre.	DR. ANDRE. White and pink ; elegantly fringed petals.
CLARENCE. Maroon and rose.	*EDGAR. Deep maroon, light centre. 75 cents.
COMPETITOR. Black, edged with rose.	HOLBEIN. Maroon ; purple and crimson.
CORONET. Crimson and rose.	INVINCIBLE. Crimson and white.
CASTANET. Pink, maroon, and crimson.	LE VESUVE. Orange-crimson
DECISIVE. Crimson, white centre, violet edge.	MONARCH. Maroon, crimson and rose.
ECLAIR. Orange, maroon, orange edge.	*BERTHA. Rich maroon ; purple and white edge.
EMPEROR OF PELARGONIUM. Large pure white, spotted with violet rose ; fringed petals.	NIAGARA. White and crimson.
L'AVENIR. Rosy-scarlet, striped white.	PRINCESS. Orange-crimson, and white.
*DUCHESS. Maroon - crimson ; white margin.	SHAKSPEARE. Rose, upper petals crimson.
LATONA. White, blotched maroon and violet.	SPLENDOR. Scarlet-maroon ; edged white.
MODERN. Rose, violet and crimson.	WATCHFUL. Lilac, violet spotted crimson.
*ELIGIBLE. Rosy-crimson ; violet and white edge. 75 cents.	WINDFALL. French white ; all the petals spotted crimson.
GRACE. Maroon, bright rose.	PRINCESS HORTENSE. Orange-salmon ; pink edge.

## LOBELIAS.

*Price, 15 cents each ; or \$1.50 per dozen.*

Neat and extremely floriferous Plants, much used for edgings (in shade), hanging-baskets, vases, etc., of which we offer the following improved varieties.

- PUMILA AZUREA. Dwarf tuft-like growth ; deep azure-blue flowers.
- “ GRANDIFLORA. Dwarf, fine sky-blue, large flowers.
- “ MISS MURPHY. Forming dwarf tufts, with white flowers.
- ERINUS SNOW FLAKE. Spreading habit ; white flowers.
- “ SPECIOSA ELEGANS. Spreading, fine deep blue.
- “ PAXTONII. Robust, spreading ; blue, white centre.
- PICTA. Rich velvety-veined and netted ornamental foliage ; light rose-colored flowers. Price, 25 cents each.





### ERYTHRINA CRISTÆ-GALLI, OR CORAL PLANT.

A magnificent plant, producing its scarlet and crimson pea-shaped flowers on spikes eighteen inches long. Plant them in the garden in May, and they will flower profusely three or four times in the course of the summer. They may be taken up in the fall, and kept in perfect preservation during the winter in a dry cellar, the roots covered with half-dry earth. Price from 50 cts. to \$1.00 each, according to size.

**ERYTHRINA SPLENDENS.** A variety of the above. The flowers are of a deeper crimson—profuse bloomer. Price \$1.00.



### REMONTANT, OR MONTHLY CARNATION.

Very desirable for their free blooming qualities during the winter and early spring months. Young plants set out in the garden will bloom profusely during the summer months, and if lifted and potted in the fall, will continue blooming the entire winter. The following sorts can be recommended.

## REMONTANT, OR MONTHLY CARNATIONS.

*Strong young plants in the spring, 25 cents each ; \$2.50 per dozen*

*Large plants in the fall, 50 cents each : \$5 00 per dozen.*

ADMIRABLE. Creamy white.

ASTORIA. Yellow, flaked scarlet.

ATTRACTION. White, striped with maroon.

BETSY. Large brilliant scarlet ; extra fine. Price, 50 cents.

BLONDIN. Buff and rose ; dwarf.

DEFIANCE. Crimson, shaded purple.

DEFONTAINE. Buff, striped carmine.

DONADY'S PRIDE. White, edged with pink ; extra.

EDWARDSII. Large pure white ; extra.

GIANT. Dark red, striped slate color.

GRAND CONDE. White, mottled with rose.

LA PURETE. Carmine ; very free flowering.

MA GLOIRE. Sulphur-yellow, striped scarlet.

PRESIDENT DE GRAW. Pure white ; very floriferous.

QUEEN OF WHITES. Large, pure white.

RADETZKY. Rose, with broad violet-purple stripes.

STAR. Carmine, splashed with white.

VARIEGATED LA PURETE. Rose, striped with white.

## SALVIAS (SAGE).

SALVIA SPLENDENS. Scarlet Sage. 20 cts. each ; \$2.00 per doz.

" " GORDONII. Scarlet Sage ; dwarf. 20 cts.

" " VARIEGATA. Variegated foliage. 25 cts.

" PATENS. Richest azure blue ; large. Price, 25 cents.

" COCCINEA SPLENDENS. Small scarlet flowers. 20 cents.

" ROSEA. Rose colored, Price, 20 cents.

" ATROPURPUREA. Dark violet-purple ; large. 20 cents.

" OFFICINALIS. Tricolor foliage, green, white and pink variegated ; flowers blue ; hardy. Price, 25 cents.

" OFFICINALIS AUREA. Golden yellow margin ; flowers blue ; hardy. Price, 25 cents.

## MANETTIA CORDIFOLIA.

A pretty climbing plant, bright scarlet tubular flowers, about two inches long, forming a complete mass of bloom from July to October. One of the finest plants for large vases and rustic baskets. Price, 25 to 50 cents each.

## GAZANIA SPLENDENS.

Fine, large bright orange flowers, with white and brown centre, and dark green foliage, silvery underneath ; requires a sunny situation. Price 20 cents.

GAZANIA SPLENDENS VARIEGATA. Similar to the above, but the foliage edged with white. Price, 20 cents each.



## CHOICE FUCHSIAS.

The Fuchsia or "Lady's Eardrop" constitutes certainly one of the most graceful tribe of plants. They all require a shady situation during the summer months, and must not become pot-bound before flowering; the best soil is a rich sandy loam, or equal parts of loam, sand, and manure thoroughly decomposed. The following have been selected and retained out of over 100 varieties after years of trial as the best.

Persons desiring large specimen plants, must leave the selection of varieties to us, as we grow only such as are suitable for that purpose.

*The varieties with a \* are double corolla varieties.*

The following six varieties are on our Premium Chromo Plate, which will be mailed to all our customers.

ARABELLA IMPROVED. The finest white sepaled variety ever sent out; corolla large fine rose. Price, 75 cents.

CONSPICUA. Tube and sepals crimson; corolla pure white; the best single white variety. Price, 50 cents.

\*ENCHANTRESS. Tube and sepals rosy-crimson; corolla large, double white; undoubtedly the best double white variety for general cultivation. Price, 50 cents.

\*MONTROSE. Tube and sepals bright crimson; corolla fine, large and very double; a most abundant bloomer. Price, 50 cents.

\*REGALIA. Tube and sepals bright carmine; extra large, and double violet-purple corolla; *free bloomer*. Price, 50 cents.

TRIBUNE. Sepals and tube splendid rich crimson; corolla very large and long; rich violet plum color. Price, 75 cents.

The set of six varieties for \$3.00.

## GENERAL COLLECTION OF FUCHSIAS.

Young thrifty plants. Price, 30 cents each; \$3.00 per dozen. Large plants, from 50 cents to \$1.00 each.

ARABELLA. White tube and sepals; corolla rich rose; the best early variety.

\*AVALANCHE (E. G. H.) Large, double, violet-purple corolla; tube and sepals bright carmine.

CONSTELLATION. Large, violet bell-shaped corolla; scarlet sepals.

\*ELM CITY. Sepals crimson; corolla fine dark purple; still one of the best double varieties.

EMPRESS. Sepals and tube crimson; corolla white-shaded rose.

FATHER IGNATIUS. Carmine-scarlet sepals; very large Indigo-blue bell-shaped corolla.

FIRST OF THE DAY. Corolla large, bell-shaped, lavender-blue; sepals crimson; extra-fine.

\*GLOIRE DE BLANCHE. Corolla white, double; sepals scarlet.

GOLDEN FLEECE. Leaves a fine golden green; flowers scarlet and purplish-blue; large and fine.

GOLDEN MANTLE. Foliage golden-yellow; flowers dark scarlet and purple.



FUCHSIA, or LADY'S EAR-DROP.

GENERAL COLLECTION OF FUCHSIAS—*Continued.*

- GOLDEN PLOVER. Leaves blotched white or yellow; dark scarlet flowers.
- LUSTRE. Corolla fine vermilion; sepals waxy-white; very early.
- \*MAD. A. VERSCHAFFELT. Corolla double, clear rose, veined with carmine; sepals bright crimson; dwarf and compact.
- \*MAD. CROUZE. Sepals crimson; corolla fine double white.
- \*MARKSMAN. Extra-large; dark purple double corolla; with crimson sepals.
- MARGINATA. White sepals; pink corolla, edged with rose; if pruned in the fall and repotted, this has proven the finest winter-flowering variety extant.
- PURITANI. White corolla; crimson sepals; compact and robust habit.
- \*PURPLE PRINCE. Sepals scarlet; corolla violet-purple, and in fine grown plants fully two inches in diameter; quite double; extra-fine.
- \*QUEEN OF WHITE. White sepals and tube; corolla fine double white.
- ROSE OF CASTILE. Blush-white, purplish-rose corolla; still one of the best.
- REINE BLANCHE. White sepals; salmon-rose corolla; fine and early.
- \*ROYAL PRINCE. Large, purple, double corolla.
- \*SIR COLIN CAMPBELL. Scarlet tube; dark double purple corolla.
- \*SYMBOL. Sepals crimson; large double cream-colored corolla.
- SOUVENIR DE CHISWICK. Sepals scarlet, corolla violet; fine habit.
- STARLIGHT. Tube and sepals waxy-white; corolla very long, rosy-lake; fine.
- \*TOWER OF LONDON. Sepals scarlet; large, double, purple corolla.
- WAR EAGLE. Sepals broad, recurved, rich carmine; well expanded corolla, streaked with rose.
- \*WARRIOR QUEEN. Foliage light green; corolla large, double purple.

## CHINESE HIBISCUS.

Small Shrubs; some varieties with large double, and others with single flowers, blooming freely during the summer months, and fine for garden decoration in partially shady situations.

HIBISCUS SINENSIS VARIEGATA. Foliage mottled with yellow; flowers crimson. Each 50 cents.

“ COOPERII TRICOLOR. Foliage beautifully variegated, dark-green, pink and white; flowers crimson. Each 30 cents.

“ METALLICUS. Dark bronzy-shining foliage; flowers single crimson. 30 cents.

“ SINESIS RUBRA PLENA. Double crimson. 30 cents.

“ “ LUTEA. Yellow. Each 30 cents.

“ “ DOUBLE SALMON. Each 30 cents.

“ “ SINGLE CRIMSON. Fringed edge. 30 cents.

“ “ “ LARGE ROSE. Each 30 cents.



## BOUVARDIAS.

Shrubby plants, with racemes of white, rose, crimson and scarlet flowers, blooming during the autumn and winter. Their dazzling richness of color, and formation of flower, make them one of the most useful of our winter-blooming plants for bouquets.

Price 25 cents each;  
\$2.50 per dozen.



BRILLIANT.	Fine orange scarlet.	LEIANTHA.	Dazzling scarlet.
ELEGANS.	Salmon scarlet; large.	ROSALIND.	Salmon pink.

## BOUVARDIA JASMINODES.

After another year's trial we find this variety the most valuable of all others, for its *rare white flowers*, ever introduced. Young plants set out in May last, commenced blooming soon after, and are now (middle of December) still in full bloom, and give evidence from the great number of buds of continuing in bloom all winter. For winter-blooming they require a temperature of about 65°. As a bedding plant, or for ribbon-rows, it is unsurpassed by any other white flowering plant; it is also delightfully fragrant, especially in the evening.

Small plants in thumb pots, 20 cents each; \$2.00 per dozen;  
\$10.00 per hundred.

Nice bushy plants in 3-inch pots, 30 cts. each; \$3.00 per dozen.

## BOUVARDIA DAVIDSONII.

Another white variety sent out last spring, also valuable for its fine heads of white flowers, slightly stained with pale blush.

Price, 30 cents each; \$3.00 per dozen.

## BOUVARDIA INCARNATA.

A new and valuable fall and winter flowering variety originating at our establishment, being a sport of *B. Rosalind*; the most robust of the whole tribe. It is much hardier than *Davidsonii*, and we can highly recommend it to all interested in winter-flowers. Flowers creamy-white; tube pale blush; constant from root-cuttings. Price, 30 cents each; \$3.00 per dozen.

## ORNAMENTAL LEAVED BEGONIAS.

All with beautiful variegated foliage, and very desirable for house and garden decorations, in shady positions, especially for baskets, vases, etc., etc. Price. 30 cents each; \$3.00 per dozen.

AMABILIS (new),	MASTERPIECE (new),
DECAISNEANA,	PICTA,
DUCHESS OF BRABANT,	PRUINOSA,
GEM,	QUEEN OF HANOVER,
INIMITABLE (new),	REX,
MAD. PERRIER (new),	VIRGINIA.

## FLOWERING BEGONIAS for bedding out.

- B. MULTIFLORA. Light rose; fine for winter-flowering  
 B. SAUNDERSONII. Scarlet; dwarf; profuse blooming all the year round; excellent for bedding.

Price, 25 cents each; \$2.50 per dozen.

## ABUTILON. (CHINESE BELL-FLOWER.)

Plants of strong growth, and easy cultivation; flowering very freely, and desirable on account of their continuous bloom for the borders, as well as for the green-house or room in the winter.

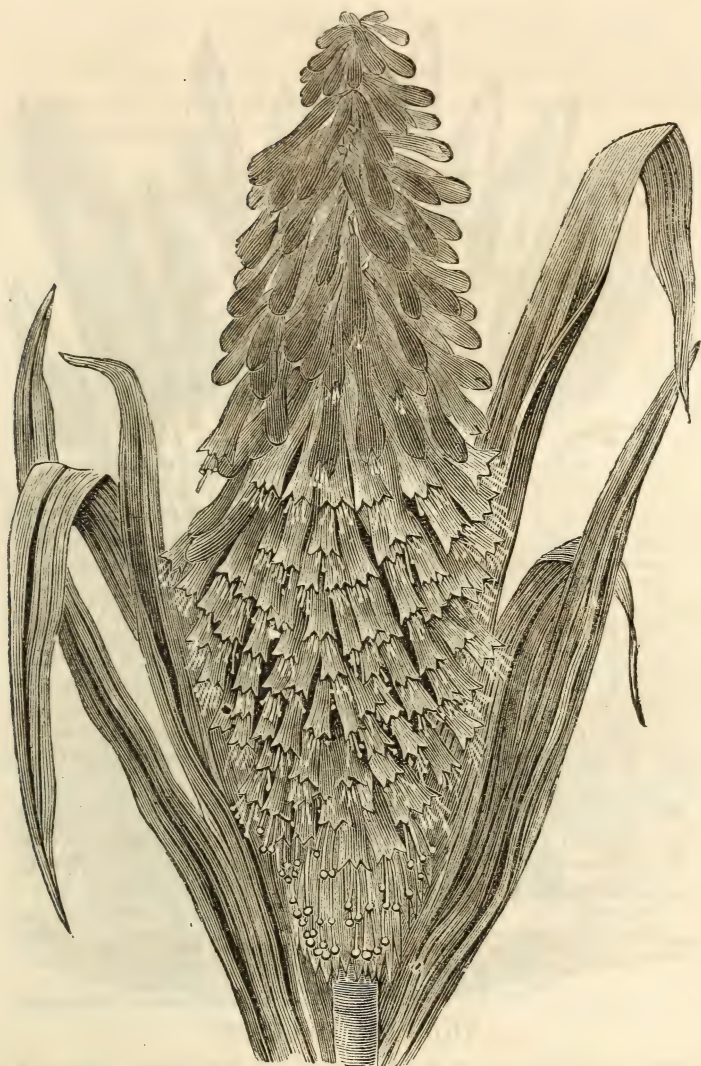
- AMBROSE VERSCHAFFELT. Crimson, with orange shade, large flower, plant of dwarf habit, one of the best.....30 cents.  
 INTERMEDIA. Flesh color ..... 30 cents.  
 NIVEUM. White, large, and free bloomer ..... 30 cents.  
 PETUNIA-FLORA. Light buff, very large flower.....50 cents.  
 STRIATUM. Yellow, with brown stripes.....25 cents.  
 VENOSUM. Large, red and brown.....25 cents.  
 VEXILLARIUM. Known also *A. Mesopotamicum*; of a drooping spreading habit, the flowers are beautifully marked, the calyx being scarlet, the petals golden yellow, free bloomer, 30 cents.

## MYRSIPHYLLUM ASPARAGOIDES.

Known best in cultivation as SMILAX. A most beautiful climbing plant, from the Cape of Good Hope, surpassing every other in the glossy, wavy, deep green, and delicate grace of its foliage, one of the most valuable of all plants for vases or hanging baskets. For cut flowers, especially for wreaths, considered indispensable by all florists. Price 30 cents each; \$3.00 per dozen.

## TORENIA ASIATICA.

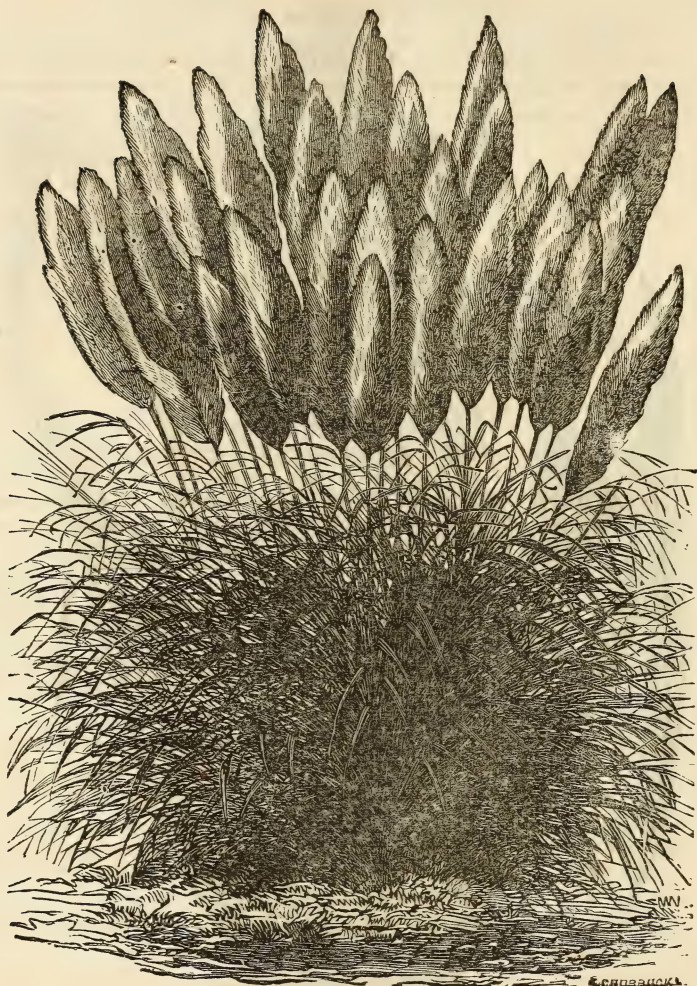
An exquisite, tropical soft-wooded plant, producing a profusion of waxy, porcelain blue flowers, tipped with rich violet purple, in constant succession; it succeeds admirably out of doors in the summer season, where the situation is moist and half-shady, and from its trailing habit is well adapted for vases, rustic baskets, rock work, etc. Price 30 cents each.

**TRITOMA UVARIA GRANDIFLORA.**

A splendid summer and autumn flowering plant, with stately flower scapes and magnificent terminal dense spikes of rich orange-red flower-tubes; familiarly known, from its glowing colors, as the "*Red hot Poker*." Hardy, with protection. Price, 50 cents to \$1.00, according to size. All blooming plants.

**TRITOMA ROOPERII.** Early and free blooming. 50 cents each.





### THE PAMPAS GRASS.

The most elegant of all the Ornamental Grasses, producing a grand effect on the lawn with its graceful foliage and silvery plumes.—See page 105.

Extra-strong Plants for immediate effect can be furnished from \$2.00 to \$5.00 each.

## ECHEVERIA.

A class of plants somewhat resembling the common House Leek, but of a far more ornamental character, both for green-house or garden decorations.

**ECHEVERIA ATROPURPUREA.** Long purple leaves, with tall flower-stems, and crimson bell-shaped flowers. Each, 50 cts.

“ **SECUNDA.** Leaves green; flowers yellow and scarlet; fine for edgings or rock-work. Each, 30 cents.

“ **SECUNDA GLAUCA.** Leaves of a beautiful glaucous green; flowers similar to the foregoing variety. Each, 30 cents.

“ **METALLICA.** A fine and stately plant, with very large shell-like leaves of a beautiful metallic, lilac hue, with tall flower-stems covered with bell-shaped, yellow and scarlet flowers. Each 50 cents;

## HARDY ORNAMENTAL GRASSES.

**THE PAMPAS GRASS.** (*Gynerium argenteum*.) The most magnificent of all Grasses, with long, terminal, silvery plumes, on stems 8 to 10 feet high. Requires a rich and deep soil. Hardy, with protection. Price, 30 cents to \$1.00.

**ARUNDO DONAX VARIEGATA.** Variegated Bamboo; a hardy, broad-leaved variegated reed. Price, 50 cents to \$1.00.

**AGROSTIS GLAUCA.** A rare variety, dwarf, with a glaucous, bluish tinge; fine for edgings, baskets or vases. Price, 25 cents each; \$2.50 per dozen.

**ARUNDO CONSPICUA.** A variety similar to the Pampas Grass, with long, graceful drooping leaf-blades, and large, silvery-gray terminal plumes, on stems 10 feet high. Price, 25 to 50 cents each.

**ARUNDO PHRAGMITES AUREA VARIEGATA.** A hardy variety of the above, with tall, slender leaf-blades, striped with yellow. Price, 50 cents each.

**DACTYLIS GLOMERATA ELEGANS.** A dwarf ribbon-grass, with broad, silvery stripes. Price, 30 cents each.

**BAMBUSA FORTUNEII VARIEGATA.** A pretty, very dwarf, hardy Bamboo; for shady situations. Price, 30 cents each.

**POA TRIVIALIS ARGENTEA VARIEGATA.** A beautiful, variegated Spring Grass. Price, 15 cents each.

**PHLEUM PRATENSE VARIEGATA.** A new hardy perennial Grass, forming an erect-growing tuft, with smooth leaves; banded and striped with white. Price, 30 cents each.

## MISCELLANEOUS SUMMER BEDDING PLANTS.

*Including many free-flowering and showy varieties. Those marked \* are hardy.*

	<i>Price.</i>
AGERATUM MEXICANUM. Light blue. Per dozen.....	\$1 50
“ “ VARIEGATUM. Variegated foliage. Each.....	20
ALOYSIA CITRIODORA; or Lemon-scented Verbena. Each...	20
ALYSSUM. (Sweet Alyssum.) Per dozen.....	1 00
“ VARIEGATUM. Per dozen.....	2 00
ASTERS, GERMAN. Double var.; (plants by May). Per doz.	1 00
CARNATIONS. Monthly var., a fine collection. Per doz....	2 50
CUPHEA PLATYCENTRA. Dwarf, with scarlet coral-like flower. Per dozen.....	1 00
FEVERFEW. Double, white, daisy-like flowers. Per doz ...	1 50
GAZANIA SPLENDENS. Golden-orange flowers. Each.....	20
“ “ VARIEGATA. Variegated foliage. Each.	20
LOBELIAS. Blue and white; six varieties. Per dozen.....	1 50
MIGNONETTE. Everybody's favorite. Per dozen.....	1 50
MIMULUS MOSCHATUS, or Musk Plant. Each.....	15
NIEREMBERGIA FRUTESCENS. Lilac, dwarf. Each.....	20
“ RIVULARIS. White, dwarf. Each.....	20
PANSIES, or HEARTSEASE. Large flowering. Per dozen...	1 50
*PENSTEMONS. A choice collection. Per dozen.....	3 00
PETUNIAS. Single, choice, named sorts. Per dozen.....	1 50
“ Double “ “ Per dozen.....	2 50
PHLOX DRUMMONDII. Beautiful colors. Per dozen.....	1 00
*PHLOX PERENNIAL. A choice collection. Per dozen ....	2 50
*PINKS. Six hardy varieties. Per dozen.....	2 00
PLUMBAGO CAPENSIS. Light blue. Each.....	25
*PLUMBAGO LARPENTÆ. Dark blue, dwarf. Each.....	25
PYRETHRUM; or GOLDEN FEATHER. Golden-yellow foliage. Per dozen.....	1 50
*SWEET WILLIAM. Choice colors. Each.....	20
*VARIEGATED THYME. Each.....	20
*VARIEGATED BALM. Each.....	20
VERBENA. Fine sorts, without names. Per dozen.....	1 00
VINCA ROSEA, ALBA and OCULATA. One of the best and finest varieties of bedding plants, blooming continuously during the hottest summers. Per dozen.....	2 00
ZINNIAS. Choice, double, (by May). Per dozen.....	1 00

## SUMMER CLIMBING PLANTS.

Very useful, free and fast-growing climbers, for decorating verandas, trellises, screens, etc.; blooming all summer and fall.

COBÆA SCANDENS. Fast-grower; large purple bell-shaped flowers. Each, 25 cents.

“ SCANDENS VARIEGATA. Similar to the above, with variegated foliage; very ornamental. Each, 25 cents.

IPOMÆA LEARII. Large azure-blue Convolvulus flowers. 20 cts.

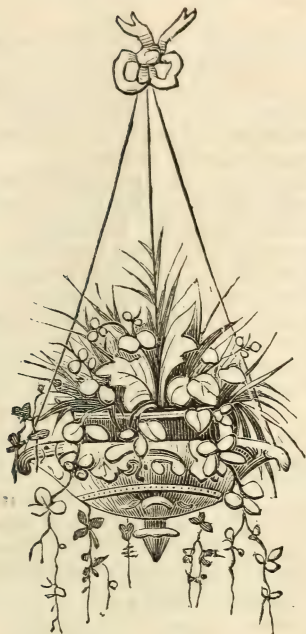
LOPHOSPERMUM HENDERSONII. Rose color. Each, 20 cents.

MAURANDIAS. Rose, white, and pink. Each, 15 cents.

THUNBERGIA. White, buff, and orange. Each, 15 cents.



# PLANTS FOR HANGING-BASKETS OR VASES.



The growing of plants in baskets, vases, etc., has become quite popular; and the taste in this direction is constantly on the increase. They add greatly to the decoration of a room, garden or varandah, and impart an air of taste and refinement that the most costly ornaments cannot give.

*The following Plants have been selected as the most suitable for this purpose, the varieties with a \* are particularly suited for Large Vases; for the centres of which, Geraniums, Fuchsias, Coleus, etc., will make a rich effect. The varieties requiring shade are so marked.*

	Price.
ACORUS GRAMINÆUS VARIEGATUS. Grass-like. Each, \$	25
*AGROSTIS GLAUCA. A beautiful blue grass....	25
*AMPELOPSIS VEITCHII. of sorts for centre of baskets, (shade)...	30 to 50
BEGONIAS, of sorts for centre of baskets, (shade)...	30
CISSUS DISCOLOR. Fine showy creeper, (shade)...	30
FERNS, of sorts (shade)....	30 " 50
FICUS REPENS. (Shade)....	20
*IVIES, of sorts.....	25 " 50
*GLECOMA ROTUNDIFOLIA VARIEGATA. Creeping..	20
GNAPHALIUM LANATUM. Silvery, drooping.....	20
ISOLEPSIS JUNCIOIDES. A drooping fine grass (shade)....	15
LINARIA CYMBALARIA, or Kenilworth Ivy.....	15
" " VARIEGATA, (for Spring only)....	50
*LOBELIA SPECIOSA ELEGANS. Deep blue flowers.....	15
*LOBELIA PAXTONII. Robust; flowers blue and white. "	15
LYCOPODIUM DENTICULATUM. (Shade).....	15 " 25
*MANETTIA CORDIFOLIA. Climbing; scarlet flowers..	25 " 50
PANICUM VARIEGATUM. Variegated Grass (shade)...	20
POA TRIVIALIS ARGENTEA. (For spring only).....	20
REINEKIA CARNEA VARIEGATA. Grass-like.....	30
S XIFRAGA FORTUNEII. (Shade).....	20
" " TRICOLOR. Very fine and rare..	35
SEDUM SIEBOLDI VARIEGATUM. Stone crop, variegated "	50
*SENECIO SCANDENS; or Parlor Ivy. Fast creeper....	15
*TORENIA ASIATICA. Drooping, purple flowers (shade) "	20
TRADESCANTEA ZEBRINA and VIRIDIS. (Shade).....	15
*VINCA ELEGANTISSIMA VARIEGATA .....	15 " 30

## CAMELLIA JAPONICA.

The following list comprises the most popular varieties of this favorite winter-blooming plant. The prices vary, according to size, from 75 cents to \$10 each.

ALBA PLENA. Double white.  
 ALBA PLENA FIMFRIATA. Fringed edges.  
 ALBA PLENA IMBRICATA. Fine white.  
 ALEXINA. Blush, striped rose.  
 CALLEE COPE. Blush rose.  
 CANDIDISSIMA. Creamy white.  
 CHALMERII. Clear rose.  
 DUCHESSE D'ORLEANS. White, striped with crimson.  
 GILESII. Red and white, fine.  
 HENRI FAVRE. Salmon rose.  
 IMBRICATA. Crimson, spotted white.  
 JEFFERSONII. Deep crimson.

JENNY LIND. White, with occasional flakes of rose.  
 LADY HUME'S BLUSH. Peach color.  
 LANDRETHII. Beautiful pink.  
 MAGDALENA LESHII. Crimson, spotted with white.  
 MRS. COPE. White, pink stripe.  
 PRINCE ALBERT. Blush, striped.  
 REINE D' FLEURS. Crimson.  
 SARAH FROST. Rosy crimson.  
 SACCO MAGNIFICA. Pale rose.  
 SHERWOODII. Light crimson.  
 TRICOLOR. Blush, crimson & rose  
 WILDERII. Clear rose, fine.  
 WILLIAM PENN. Dark red.  
 WILLIAM IV. Fine rose.

## CAPE JASMINES.

Are desirable for their pure white, and delightfully fragrant flowers; blooming in May, June and July, at a season when pure white flowers are scarce, they are highly prized in Brides' Bouquets, Wreaths, etc. Price 25 cents to \$1 each, the varieties are,

GARDENIA FLORIDA.  
 " FORTUNII.

G. CAMELLIA FLORA.  
 G. RADICANS

## RHYNCOSPERMUM JASMINOIDES.

A beautiful green-house plant, with glossy evergreen foliage and masses of pure white Jasmine-like flowers, delightfully fragrant in bloom about May and June. It is of a climbing habit, and presents a beautiful appearance when properly trained; is also a very desirable flower for bouquets, etc. Price 50 cents to \$1.00.

## NIGHT-BLOOMING JASMINE.

*Cestrum Parqui.*

A favorite plant, for the delightful odor of its otherwise attractive greenish-white flowers; of easy cultivation. Price 30 cents each.

## VERONICA IMPERIALE.

This remarkable novelty produces fine flower spikes, in clusters, each spike about 5 inches long, of a brilliant amaranth red, changing to carmine magenta, which are elegantly set off with projecting white stamens, giving to the flowers a *Metrosideros*-like appearance. It is of dwarf and vigorous habit. Price 50 cts. each. For other varieties see page 96.

## MISCELLANEOUS GREEN AND HOT-HOUSE VARIETIES.

The varieties marked with a \* require the temperature of a hot-house—  
from 55° to 65°.

Prices vary according to size—from 25 cents to \$1.00, except where noted.

ACACIAS. Choice varieties.

\*ACHIMENES. A choice collection. Per dozen, \$3.00.

\*ALAMANDA. Several varieties. Each, 50 cents.

AZALEAS. A large collection.

\*BEGONIA SANDERSONII. Bright scarlet flowers; free blooming.

\*BIGNONIA VENUSTA. Hot-house climber; brilliant orange, in clusters; profuse bloomer. One of our most splendid winter blooming plants. Each 50 cents to \$1.00.

\*BLETIA TANKERVILLIÆ. Brown, white and purple flowers; beautiful. Price, 75 cents.

BONAPARTEA JUNCEA. An ornamental plant. \$2.00 to \$3.00.

\*CALADIUMS. Beautiful-foliaged plants. A collection of choice varieties. Per doz. \$6.00.

CALLA ÆTHIOPICA. (*Lily of the Nile*.) 25 to 50 cents.

CALLA ÆTHIOPICA NANA. Dwarf. Price, 50 cents.

CHOROZEMA VARIUM. Bright orange and red flowers; beautiful.

CITRUS JAPONICA. (*Mandarine Orange*.) Dwarf. 50 cents.

DAPHNE ODORATA. Fragrant. Price, 50 cts. to \$1.00.

\*DRACÆNA FERRA. Dark-purple foliage. 50 cts. to \$1.00.

\*DRACÆNA TERMINALIS. Solferino and purple foliage. \$1.00.

EUONYMUS RADICANS VARIEGATUS. A neat dwarf evergreen shrub; foliage green, with silvery margin. 25 to 50 cts.

\*EUPHORBIA JACQUINIFLORA. Bright-scarlet flowers. 50 cts.

\*EUPHORBIA POINSETTIA. Brilliant scarlet bractea. 50 cents.

FICUS ELASTICA. (*India Rubber-Tree*.) Price, \$1.00 to \$2.00.

GARDENIA RADICANS VARIEGATA. (*Cape Jasmine*.) With variegated foliage. Price, 50 cents.

GENISTA FRAGRANS. Orange-yellow, fragrant blossoms.

HOYA CARNOSA. Wax plant.

JUSTICIAS. Three varieties.

LAGERSTRÆMIA INDICA. Pink crape myrtle. 25 cts. to \$1.00.

LAURUS NOBILIS. (*Sweet Bay-Tree*.) 25 to 50 cents.

LIBONIA FLORABUNDA. Orange and yellow, winter-flowering.

MAHERNIA ODORATA. (*Honey Bell*.) Yellow, fragrant flowers.

NERIUM SPLENDENS. (*Oleander*.) Four varieties.

\*PASSIFLORA. (*Passion Vine*.) A much admired class of climbing plants for the conservatory or hot-house.

\*PASSIFLORA ALATA, 50 cts. P. CŒRULEA, 30 cts. KERMESINA, 50 cts.

\*PASSIFLORA DECAISNEANA, or GONTERII. Each 50 cents.

REINECKIA CARNEA FOLIA VARIEGATA. Grass-like foliage, striped with white.

RUBUS JAPONICUS GRANDIFLORUS (*Rosaefolius*). Double, white, rose-like flowers; winter-flowering; fine for bouquets.

SOLANUM JASMINOIDES VARIEGATUM. Dwarf climber, with variegated foliage.



## THE ROSE.

The Rose still maintains its position as the most attractive of flowers. Every year adds a large number of varieties to our extended lists, new at least in name, if not in character; and it shall be our special endeavor, after careful comparisons, to point out such of them as show a decided improvement in their leading characteristics over pre-existing varieties.

Our collection of Roses is now admitted to be one of the most complete, having been enriched, by direct importation, with the latest popular sorts. The repeated award of the highest premiums by the Pennsylvania Horticultural Society is sufficient evidence of their merit.

EVER-BLOOMING ROSES cannot be secured unless the plants are kept in a vigorous growing condition. To derive the greatest enjoyment from rose-culture, beds should be prepared exclusively for their benefit.

A fresh loamy soil, enriched with well-rotted cow-manure, we have found the best, and their fertility preserved by yearly top-dressing with well-rotted manure.

### NEW HYBRID PERPETUAL ROSES.

*Price, 75 cents each; \$7.50 per dozen.*

This class is very popular, combining the vigor of the hardy garden rose with the frequent blooming qualities of several other classes; some of the sorts are also very fragrant. The following is a select list of *the latest introductions*, all on their own roots:

Our collection received the **FIRST PREMIUM** for the largest and best display of Roses at the Great Rose and Strawberry Show in June, and the Grand Autumnal Exhibition of the *Pennsylvania Horticultural Society*, in September, 1871.

AURORE DU MATIN. Splendid glossy carmine.  
 BARON ADOLPH DE ROTHSCHILD. Bright rose. Price, \$1.00.  
 BARON HAUSMANN. Splendid carmine.  
 CHAMP DE MARS. Dark-purple.  
 DUKE OF EDINBURGH. Brilliant scarlet-crimson, maroon shade.  
 LA FRANCE. Large, satin-rose, light edge; free.  
 LA SIRENE. Splendid crimson. Price, \$1.00.  
 MONS. BONCENNE. Blackish purple.  
 PAUL VERDIER. Fine, clear rose.  
 PITORD. Very dark-purple. Price \$1.00.  
 PLINE. Velvety-red, shaded violet.  
 PRINCE DE PORCIA. Vermilion-red.  
 ROSE PERFECTION. Large, satin-rose, fine form.  
 SOUVENIR D'ABR'M LINCOLN. Dark velvety-purple.  
 SOUVENIR DE PONSARD. Dark-crimson.  
 SOUVENIR DE REDOUTE. Very dark-crimson.  
 SOUVENIR DU DR. JAMIN. Bluish-violet, a rare color. \$1.50.  
 VICTOR LE BIHAN. Brilliant carmine.  
 XAVIER OLIBO. Velvety-black, shaded with amaranth.

## HYBRID PERPETUAL ROSES.

*Select List of Older Varieties. Price, 40 cts. each; \$4.00 per doz.*

- ABBE BERLESE. Cherry, shaded with carmine.  
 ACHILLE GONOD. Bright carmine.  
 ALBA CARNEA. White, with pale-rose.  
 ALEXANDRE DUMAS. Dark-crimson.  
 ALPAIDE DE ROTALIER. Clear rose.  
 ALPHONSE DAMAIZIN. Brilliant crimson.  
 ANDRE DESPORT. Fine rose, good form.  
 ANNA DE DIESBACH. Pure rose, beautifully cupped, large.  
 AURORE BOREALE. Large, shining red.  
 BARONNE ROTHSCHILD. Fiery-scarlet.  
 BEAUTY OF WALTHAM. Rosy-crimson.  
 CAPITAINE PAUL. Bright-red, good form.  
 CARDINAL PATRIZZI. Dark, velvety-crimson.  
 CHAS. LEFEBVRE. Crimson, shaded with purple; fine.  
 CHAS. ROUILLARD. Large, perfect form, light-rose.  
 CHAS. VERDIER. Large, beautiful rose, edge of petals white.  
 CHRISTIAN PUTTNER. Brilliant purple, crimson-shade.  
 COMTE ALPHONSE DE SERENYE. Transparent red, with purple.  
 COMTE DE MONTE CHRISTO. Dark-carmine.  
 COMTE LITTA. Velvety-purple.  
 ELIZABETH VIGNERON. Very large rose.  
 EUGENE APPERT. Brilliant carmine; fine.  
 FANNY PETZOLD. Light-rose, shaded with white.  
 FRANCOIS GOESCHKE. Brilliant red, shading into cherry.  
 GEANT DES BATAILLES. Bright scarlet, superb.  
 GENERAL JACQUEMINOT. Large size; brilliant red.  
 " WASHINGTON. Brilliant red; very free bloomer.  
 GLORY OF WALTHAM. Carmine, crimson shade.  
 JEAN GOUGON. Dark-rose; very large.  
 JEAN ROSENCRANTZ. Coral-red.  
 JOHN HOPPER. Rosy-crimson.  
 JULES MARGOTTIN. Carmine, suadeu purple.  
 LA REINE. Clear rose; superb, large cupped.  
 LEOPOLD I. Brilliant fiery-red.  
 MADAME RIVAL. Satin-rose.  
 " VICTOR VERDIER. Bright-scarlet.  
 MAD'LE AMELIE HALFEN. Light carmine-rose.  
 MONS. LARIAL DE BARNY. Currant-red.  
 PRESIDENT LINCOLN. Deep scarlet.  
 PRINCE EUGENE BEAUHARNAIS. Fiery-red, shaded purple.  
 ROSA-MUNDI. Clear rose.  
 SOUVENIR DE CHAS. MONTAULT. Bright-red.  
 " DE SOLFERINO. Brilliant-red.  
 " DE WM. WOOD. Blackish-purple, shaded crimson.  
 VICTOR VERDIER. Large, full carmine; one of the best.  
 JOHN GRIER. Dark rose.  
 MAD'LE ANNE WOOD. Beautiful bright rose.

## WHITE HYBRID PERPETUAL ROSES.

BOULE DE NEIGE. (New.) Pure white; good form, and vigorous .....	\$1.50
COQUETTE DE ALPS. (New.) Fine white; flowers in clusters. ....	1.50
LADY EMILY PEEL. White, edged with rose. ....	75
MADAME ALFRED DE ROUEMONT. White, slightly tinged with rose. Price 75	
MADAM FREEMAN. White, with yellowish shade. ....	75
MAD'LE BONNAIRE. Pure white, occasionally tinged with rose in the centre. ....	1.00
REINE BLANCHE. (New.) White, slightly tinted with rose; large, full, and fine. A white form of <i>Rose La Reine</i> . ....	1.50
SŒUR DES ANGES. White, slight rose tinge. ....	75

## NEW BOURBON ROSES.

This class contains some of our choicest ever-blooming roses; they require but a slight protection during the winter.

JULIUS CÆSAR. Dark-cherry; fine form. ....	\$1.50
PRINCE NAPOLEON. Brilliant carmine; large. ....	1.00
SOUVENIR DU PRES. LINCOLN. Very dark, shaded crimson. ....	1.00
SOUVENIR DE MAD. AG. CHARLET. Rosy-salmon; cupped petals. ....	1.50

## SELECT LIST OF OLDER VARIETIES.

Price, 40 to 50 cents each; \$5 per doz.

GLORIE D'ROSAEMENE. Bright crimson, semi-double, climbing habit, free-blooming.	LOUISE MARGOTTIN. Pink, large.
HERMOSA. Pink.	MRS. BOSANQUET. Blush.
IMPERATRICE EUGENIE. Large rose.	OMAR PASHA. Deep carmine.
JOS. GOURDON. Carmine.	PAXTON. Cherry-rose.
JUPITER. Dark-purple.	SOUVENIR DE MALMAISON. Blush, large and fine.

## BENGAL, CHINESE, OR DAILY ROSE.

Price, 30 cents each; \$3 per dozen.

The brilliant colors of many roses of this class, as well as their constant blooming and dwarf habit, render them great favorites for window-gardening and winter-blooming; they are also equally adapted for the flower-bed or pot-culture. The following select sorts are the most desirable:

ABBE MOILAND. Reddish-purple.	LAWRENCIA. (Miniature) crim's'n.
AGRIPPINA. Deep crimson.	MADAME BREON. Fine rose.
ARCHDUKE CHARLES. Changeable.	LUCULLUS. Dark-crimson.
CELS. Blush.	LOUIS PHILIPPE. Crimson and rose.
EUGENE BEAUHARNAIS. Crimson.	PINK DAILY.
INDICA ALBA. White daily.	SANGUINEA. Blood-red.
LAWRENCIA. (Miniature) pink.	QUEEN OF LOMBARDY. Crimson.



## TEA-SCENTED ROSES.

To the free-blooming habit of the Bengal section, the Tea-scented Rose adds the delicious perfume which gives them their title. While they are not so hardy north of this latitude as the classes already noticed, if covered, they will stand the most severe winters. The following are desirable :

## NEW VARIETIES.

*\$1.00 each except when noted.*

- BELLE CUIVRE. Yellow copper shade.  
 BOUTON D'OR. Dark-yellow, reverse of petals white.  
 CLOTHILDE. Cream-color, shaded with rose.  
 ISABELLA SPRUNT. Sulphur, with white shade. 50 cents.  
 JEAN PERNET. Creamy-yellow, with deep yellow centre; very double. \$1.50.  
 LUCRECE. Salmon-rose.  
 MADAME BREMONT. Variable, from light- to dark-purple.  
 " MARGOTTIN. Dark-yellow, with rose centre, edge of petals white; very fine. \$1.50.  
 REINE DE PORTUGAL. Very large and double, golden-yellow, shaded with coppery-rose; vigorous and free. \$1.50.

## SELECT LIST OF OLDER VARIETIES—Our Selection.

*40 to 50 cents each; \$4.50 per doz.*

- |   |   |
|---|---|
| ADELE JOUGANT. Canary-yellow.                     | MADAME CHRISTINE MESTER. Flesh color, shaded with yellow. |
| ALBA ROSEA. White, with rose centre; very double. | MADAME DAMAIZIN. Salmon-rose; free.                       |
| AMABILIS. Rose.                                   | MADAME FALCOT. Nankeen yellow.                            |
| AMERICA. Creamy-yellow.                           | MADAME DE VATRY. Deep rose                                |
| ARCHDUCHESS THERESA. Yellowish-white.             | " WILLERMOZ. White.                                       |
| BOUGERE. Large rose.                              | OLYMPRE FRECINEY. White, shaded with yellow; fine.        |
| CANARIE. Yellow.                                  | SAFRANO. Saffron-yellow.                                  |
| DEVONIENSIS. Creamy-white.                        | SOUVENIR D'UN AMIE. Large rose.                           |
| GLORIE DE DIJON. Blush and yellow.                | SOUV'R DE M'LE GENIE PERNETT. White, shaded salmon.       |
| HOMERE. Rose, salmon centre.                      | TRIOMPHE DE LUXEMBOURG. Rose.                             |
| LAURETTE. Light-buff.                             | VICOMTESS DE CAZES. Yellow.                               |
| LAYS. Creamy-white.                               |   |
| MADAME BRAVY. Pure white.                         |   |

## NOISETTE ROSES.

*Price, 40 to 50 cents each.*

These roses are free-blooming, flowers in clusters, of taller habit than the foregoing classes; some of them are very fragrant. Those marked with an \* are adapted for training to trellises and pillars.

- |                                   |                              |
|-----------------------------------|------------------------------|
| *AUGUSTA. Pale yellow.            | *CHROMATELLA. Cloth of gold. |
| AMIE VIBERT. Pure white.          | *FELLENBERG. Crimson.        |
| BEAUTY OF GREEN MOUNT. Deep rose. | *LAMARKE. Creamy-white.      |
| CELINE FORRESTIER. Yellow. 75.    | LA PACTOLE. Pale yellow.     |
|                                   | OPHIRE. Buff.                |

## NOISETTE ROSES—Continued.

- |                             |                                   |
|-----------------------------|-----------------------------------|
| *SUPERBA. Blush.            | *SIR W. SCOTT. Deep rose.         |
| *ORLOFF. Pink.              | *SOLFATERE. Yellow.               |
| *CAROLINE MARNIESSE. White. | *WASHINGTON. White.               |
| *JAUNE DESPREZ. Rosy-buff.  | MADAME HERMANN. Fine rosy-salmon. |
| *MONSTROSA. Blush.          |                                   |
- MARECHAL NEIL. Bright golden-yellow, large and fine form, with thick, leathery petals, opening well. The finest acquisition for many years. Price of plants from 50 cents to \$1.50 each, according to size.

## PERPETUAL MOSS ROSES.

- EUGENIE GUINOISEAU. Bright cherry, changing to violet 75 c.  
 JAMES VEITCH. (New.) Deep violet, shaded with crimson; large and double; best dark Moss. \$1.50.  
 MADAME EDOUARD ORY. Deep rose; large and full. 75 cents.  
 MAUPERTIUS. (New.) Dark velvety-red, changing to crimson. \$1.50.  
 RAPHAEL. Blush, flowering in corymbs; large. 75 cents.  
 SALET. Bright rose, blush edge. 75 cents.  
 SOUVENIR DE PIERRE VIBERT. (New.) Dark-red, shaded with carmine and violet. \$1.50.

## ANNUAL MOSS ROSES.

Price, 60 cents each; \$6.00 per dozen.

- |                                |                                  |
|--------------------------------|----------------------------------|
| BLANC. White.                  | LUXEMBURG. Crimson.              |
| CRISTATA. Crested.             | WILLIAM LOBB. Purplish-violet.   |
| ENGLISH MOSS. Very mossy.      | HENRY MARTIN. Brilliant carmine. |
| PRINCESS ADELAIDE. Rosy-lilac. |                                  |

## PRAIRIE ROSES.

Very hardy climbers. Price, 40 cents each.

- |                         |                           |
|-------------------------|---------------------------|
| BALTIMORE BELLE. Blush. | PRAIRIE QUEEN. Deep rose. |
|-------------------------|---------------------------|
- GEM OF THE PRAIRIES. (New.) A hybrid between the *Queen of the Prairies* and the Hybrid Perpetual *Madame Laffay*. It possesses the climbing qualities of the Prairie Rose with the richness of color and delicious fragrance of the Hybrid Perpetual. Price, 50 cts each.

## MISCELLANEOUS CLASSES.

Price, 40 cents each.

- |  |   |
|--|---|
| *GREVILLE, or SEVEN SISTERS. In clusters, changeable.    | *WHITE MUSK CLUSTER. Pure white; very fragrant. |
| *HEBERMONT. MUSK CLUSTER. white; very fragrant.          | MADAME PLANTIER. Pure white.                    |
| *WHITE MICROPHYLLA. White.                               | LAURA DAVOUST. Blush.                           |
| MICROPHYLLA, PREMIER ESSAI. Flesh-color, crimson centre. | SWEET BRIER. Rosy-pink. 30 cts.                 |
| FORTUNE'S DOUBLE YELLOW. Yellow, shaded with crimson.    |   |

## HARDY HERBACEOUS PLANTS.

We offer a carefully-selected and revised List of the rarest and choicest Hardy Plants, suited to our climate.

## CHRYSANTHEMUMS.

This favorite autumn flower, since the addition of so many choice varieties, has become still more popular. The Dwarf or Pomponé sorts are sufficient themselves to form a choice bouquet, such is the variety of color and form embraced by them. The Pomponés are particularly suited to pot culture, while both large and dwarf are perfectly hardy, and form beautiful objects in the open garden. The following comprises a very select List of the finest new and older varieties.

## LARGE FLOWERING CHRYSANTHEMUMS.

*In Spring* 20 cents each; \$2.00 per dozen.—*Fall* 30 cents each; \$3.00 per dozen.

ALBA MULTIFLORA. Fine pure white, in large clusters.	HER MAJESTY. Silvery lilac.
ANTOINETTE SMITH. Fine, large, buff.	LORD DERBY. Fine purple.
AUREA MULTIFLORA. Fine deep yellow.	MARGARETHA. Clear sulphur yellow.
BOULE DE NEIGE. Large; pure white.	MONS. BONNETT. Extra large; amber.
BOULE D'OR. Fine golden yellow.	MT. ETNA. Bright crimson.
CAPTIVATION. Large; light purple.	MT. VESUVIUS. Purplish crimson.
ERECTA SUPERBA. Sulphur yellow.	PRINCESS TECK. Creamy-white.
	RANUNCULUS. Crimson, incurved.
	VIRGIN QUEEN. Large; white.

## POMPONE OR LILIPUTIAN CHRYSANTHEMUM.

Select List of the finest varieties. *In Spring*, 20 cents each; \$2.00 per dozen.—*Fall*, 30 cents each; \$3.00 per dozen.

ACTON. Golden yellow.	LA FIANCÉE. Pure white, finely fringed; finest for cut-flowers.
AURORA TOULOUSIENNE. Canary; button size.	MAD. DE PALEVILLE. Clear rose.
BRILLIANT. Finest crimson.	MAD. DE SOULANGIS. Fine rose.
CARMELITA. Rosy-blush.	MONS. MESNIER. Blush.
CHRISTIANA. Light buff and crimson.	MONS. MIRET. Yellow, crimson tip.
DANAE. Golden-yellow.	ROI DE LILIPUT. Maroon.
FIBRETTO. Fine chrome-yellow.	SOLEIL D'OR. Fine golden-yellow.
IRIS. White, tipped with rose.	TREVENNA. Pure white.
JONAS. Yellow, crimson centre.	YELLOW FIANCÉE. Very deep yellow.



*Japan Chrysanthemums.*

A new type, lately introduced from Japan, with tasselled or quilled flowers, of these we have rejected the most, as they are too late for our climate; and have only retained the two following. Price, 25 cents each:

LACINIATUS. Creamy-white tasselled; fine for bouquets.

MONS. BONNETT. Flowers very large, amber; early.

**DELPHINIUMS.**

(*Hardy perennial Larkspur.*)

These are among the finest hardy herbaceous plants in cultivation, flowering in tall spikes of the most brilliant blue in various shades. If not allowed to produce seed, they will flower from July to November. Price, 25 cents each.

DELPHINIUM FORMOSUM. Large, bright-blue, white centre.

" MONS. NEUNER. Pale blue; and more dwarf.

" CHINENSIS PUMILUM. Azure-blue; dwarf.

" BELLADONNA. (New.) Fine sky-blue. Price, 50 cts.

**PRIMULA ACAULIS CANDIDISSIMA PLENA,**

Or Hardy Double White Primrose; if protected out-doors, or wintered in a cold frame, they are real gems during the spring months; they require shade during the summer. Price, 30 cents each; \$3.00 per dozen.

**DOUBLE VIOLETS.**

(*Viola odorata.*)

All the varieties should have a slight protection of leaves during the winter. A better plan to insure early spring flowering is, to plant in cold frames in the fall. They thrive best, during the summer, in a shady situation, with a rich, deep soil.

NEAPOLITAN. Light blue, large, and exquisitely fragrant; still the best variety extant. Price, 20 cts. each; \$2.00 per doz.

DOUBLE WHITE. Exquisitely fragrant. 20 cts. each; \$2.00 per doz.

SCHÖENBRUN. Single, deep blue; very fragrant. Price, 20 cts. each; \$2.00 per dozen.

KING OF VIOLETS. Large, double, dark-blue. Each, 50 cts.

QUEEN OF VIOLETS. Large, double, white, shaded blue. 50 cts.

**NEW VIOLET, MARIE LOUISE.**

Decidedly the finest of the Neapolitan varieties; plant a vigorous grower; flowers large, double, of a deep bluish violet, white centre; on strong erect stems; free-bloomer, and deliciously fragrant. A great acquisition for the cut-flower trade.

Price, 50 cents each; \$5.00 per dozen.

## PANSY OR HEART'S EASE.

We have an unrivalled collection which has received the first prize from the Pennsylvania Horticultural Society for six years in succession.

Extra fine plants, in pots .....per doz. \$2.00  
 Second choice..... " 1 50

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 PHLOX.

(*Hardy Perennial.*)

The beauty of the Phlox is not yet sufficiently known and esteemed. For their brilliant trusses of flowers, comprising all shades of color, from white to crimson, striped and mottled, they have few, if any, superiors among hardy perennial plants. They should be divided and replanted, in freshly prepared soil, each alternate year. Price 30 cents each; \$3.00 per dozen.

DR. BEQUIN. Blush, shaded lilac, crimson eye.  
 ECLAIR; Deep crimson, purple eye.  
 EBLOUISANT. Mottled carmine and rose, large.  
 ELIZA PELE. Carmine, mottled with purple, fine.  
 ENERLEY. Brilliant crimson, dark centre.  
 FLORINA. Deep rose, large crimson eye, fine.  
 GERARD. Clear rose, carmine eye, large truss.  
 GERTRUDE. Lilac, shaded with white, deep purple eye, extra.  
 HEBE. Mottled lilac, large crimson eye.  
 LE SULTAN. Purplish crimson.  
 LE LION. Mottled lilac and rose, carmine eye.  
 MADAME AUBERT. White, shaded and veined with violet.  
 MADAME PECOUL. Carmine, mottled with white, purple eye.  
 MADAME LE COURT. Brilliant carmine, crimson eye.  
 MADAME DE METENIER. White, mottled with rose, fine.  
 MR. FORREST. Carmine, shaded with crimson.  
 NAPOLEON III. Extra, fine striped.  
 OSIRIS. Pure white, violet eye, fine.  
 PRINCESS MATHILDE. Light violet purple, fine.  
 PRINCESS DE FURSTENBERG. Very large white, carmine eye.  
 PRINCE TROUBETZKOL. Deep rose, crimson centre.  
 RAPHAEL. Rose, crimson eye.  
 SURPASSE MARIE BELANGER. Large white, purple eye.  
 TRIUMPH DE JOIGNEAUX. Mottled rose and carmine.  
 VICTOR HUGO. Rose, shaded with lilac, crimson eye.

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 FUNKIA, (Day Lily.)

Hardy Herbaceous Plants, with Lily-like flowers.

FUNKIA JAPONICA. Large, pure white, fragrant flowers, open daily in August. Leaves broad ovate, nerved.....50 cts.  
 FUNKIA JAPONICA. Blue flowers.....25 cts.

## HARDY PINKS.

*Price, 25 cents each: \$2.50 per dozen.*

DIADEMATUM. (Biennial.) A new, beautiful and very large-flowered variety; white, variegated with scarlet, crimson, rose, etc.

GERTRUDE. Rose, maroon centre.

LAURA WILMER. White, edged maroon; monthly blooming.

PRINCE IMPERIAL. Blush, striped crimson.

QUERTERL. Large, double, crimson; monthly.

ROSE OF ENGLAND. Pure white, rose centre.

## HERBACEOUS PÆONIAS.

This interesting genus contains many magnificent flowering plants. They are tuberous-rooted and quite hardy. To insure a bloom the first season, it is necessary to plant in the autumn. The following are among the most desirable, embracing all shades of color, from a pure white to a deep crimson.

	<i>Price.</i>
ALBA PLENA. Double, white.....	each 30 cts.
BARON ROTHCHILD. Large pale-rose.....	" 50 "
DUCHESSE D'ORLEANS. Dark-rose, tinged with buff..	" 50 "
" DE NEMOURS. Rosy lilac.....	" 50 "
EDULIS SUPERBA. Dark-rose, fine.....	" 30 "
ELEGANS. Pale blush, lilac-shade.....	" 30 "
FRAGRANS. Dark-rose, fragrant.....	" 25 "
HUMEI. Large, pink.....	" 25 "
LINGULATA. Pure white.....	" 50 "
MAIDEN BLUSH. Pink, fine and large.....	" 50 "
ODORATA. White, yellow centre.....	" 50 "
OFFICINALIS RUBRA PLENA. Deep crimson.....	" 40 "
POTSII. Very large, crimson.....	" 50 "
QUEEN VICTORIA. Rose.....	" 50 "
REVESII. Large, blush.....	" 50 "
TENUIFOLIA. Fennel-leaved, deep crimson.....	" 50 "
VIRGINALIS. Pure white.....	" 50 "
WHITLEYII. Fragrant, white.....	" 30 "

*Twelve new French varieties. Per dozen, \$4.00.*

## SEDUM—(STONE-CROP).

*Neat little succulent Plants, suitable for edgings, rock-work, rustic baskets, etc.; mostly hardy. Price, 25 cents each.*

FOSTERIANUM,  
GLAUCUM,  
FABARIUM,  
REFLEXUM,

CARNEUM VARIEGATUM,  
FABARIUM VARIEGATUM, 50 cts.  
SIEBOLDI,  
SIEBOLDI VARIEGATA, 50 cts.

ARMERIA SPLENDENS. A dwarf, hardy, free-flowering perennial, with fine rose-colored flowers. Price, 25 cts. each.

LYCHNIS VISCARIA ALBA PLENA. Hardy, with fine large double white flowers; very free-flowering. Each, 25 cts.



## HYDRANGEA HORTENSIS.

A well-known and favorite old plant, producing large heads of pink flowers, in great profusion; the color of which can be changed to a beautiful blue, by mixing the iron scales or sparks from a blacksmith's shop among the soil. It thrives best in a shady situation, with a plentiful supply of water; with slight protection it has endured the severest winters around Philadelphia. Price of plants, from 25 cents to \$1.00.



### HYDRANGEA HORTENSIS VARIEGATA.

An exceedingly ornamental Plant, with beautifully variegated foliage; fine for shady positions. Price, \$1.00 each.

### HYDRANGEA IMPERATRICE EUGENIE.

Rose, shaded with white and blue. Price, 50 cents.

### HYDRANGEA OTAKSA.

A new variety from Japan, with beautiful large glossy leaves, and immense heads of white flowers, shaded with pink. This variety was by mistake described last year as double; a very fine variety. Price, 50 cents.

### HYDRANGEA ROSA ALBA.

Light pink flowers, perfectly double. Price, 50 cents.

## DOUBLE DAHLIA.

Of this attractive flower we have several hundred varieties, and are constantly adding all the newest and best as they are offered, and rejecting older and inferior kinds. Our collection has received numerous prizes at the exhibitions of the Pennsylvania Horticultural Society.

Dahlias delight in a rich, sandy loam, highly manured with decomposed cow manure. To insure perfect flowers, mulch during the summer with short manure. Thin-out superfluous branches, and keep them well tied up to strong stakes, firmly driven in the ground at the time of planting. The best time for planting is about the first of May for the roots, and the plants can be set out as late as the tenth of June. The roots can be preserved during the winter in dry sand, free from frost, damp, or fire-heat.

We have classified them according to colors. Among the varieties known as Fancy or Parti-colored Dahlias, there are some that are more or less liable to "*sport*," the flowers varying in color on the same plant, and some seasons do not come up to the description. The following is a carefully selected list of the best.

Price, 30 cents each; \$3.00 per dozen; \$20 per 100

### FANCY VARIETIES.

- ALICE. White, laced with pure rose.
- AMERICA. White, striped and splashed with crimson. 50 cts.
- A. MARTIN. Yellow, tipped with scarlet.
- AMAZEMENT. Yellow, striped with crimson.
- ANTELOPE. Buff, shaded with carmine.
- AUTUMN GLOW. Orange salmon, with buff edge.
- BEAUTY OF THE GROVE. Buff, edged with rose.
- BIRD OF PASSAGE. White, tipped with carmine.
- BIZARRE. Yellow, striped with crimson.
- CHARIVARI. Yellow, striped and dotted with carmine.
- CLARA NOVELLO. Yellow, shaded buff, tipped with pink.
- DANDY. Maroon, striped with lilac.
- DRUSUS. Deep red, on yellow ground.
- DUCHESS DE BRABANT. Crimson, with white tips.
- EBENE. Rosy buff, mottled with white.
- EMILY. White, with lavender edge.
- FRANK SMITH. Maroon, striped and tipped with white.
- GERMAN GLORY. Sulphur yellow, tipped with white.
- HEBE. White, edged yellow, tipped with red.
- HENDERSONII. Yellow, striped with purple.
- LADY JANE ELLIS. Creamy-white, tipped with rose.
- LADY OF THE LAKE. Blush, edged with purple.
- MARTHA. Buff, shaded with drab.
- MAUDE. White, tipped with lilac.
- MRS. CRISP. Purple, edged with white.
- MURILLO. Salmon, shaded with lilac.
- NYDIA. Sulphur, tipped with purple.
- OEILLET PARFAIT. Buff, striped with scarlet.

PAINTED LADY. Lilac, striped with maroon.

PICTA. Yellow, tipped with lilac.

QUADRICOLOR. Blotched, and shaded with salmon, crimson, white and pink.

S. SICKMANN. White, edged with maroon.

SUNBEAM. Blush, striped with carmine.

## PURPLE AND LILAC.

ARIANA. Beautiful lilac.

CHAMPION. Brilliant purple.

DONALD BEATON. Purple.

FASCINATION. Deep rosy lilac.

FLORA. Deep purplish lilac.

LILAC QUEEN. Lilac.

MANTES DE LA VILLE. Rosy lilac.

MRS. BURGESS. Lilac.

OTHELLO. Pure purple.

PURPLE KING. Purple.

RHEA. Ruby violet.

UMPIRE. Rosy purple.

## YELLOW.

BILA BILA. Aurora, on yellow base.

CALIFORNIA. Pure yellow.

CREPUSCULA. Orange red.

DEFIANCE. Pale yellow, tipped with white.

DODAS. Beautiful yellow.

IMIGERE. Deep fawn.

-KING OF YELLOWS. Pure yellow.

KOH-I-NOOR. Pure yellow.

LEAH. Orange yellow.

MRS. DODD. Bright yellow.

PRINCE NAPOLEON. Buff, with yellow tips.

QUEEN OF PRIMROSE. Primrose yellow.

THE FLIRT. Beautiful buff.

WILLIE AUSTIN. Amber.

## SCARLET, MAROON AND CRIMSON.

ALI BABA. Deep scarlet.

ANDRE THOUIN. Crimson scarlet.

BALL OF FIRE. Orange red.

BOB RIDLEY. Ruby crimson.

CRIMSON MONARCH. Beautiful crimson.

DUCHESS OF CAMBRIDGE. Pink, edged with crimson.

FIRE FLY. Bright scarlet.

GLOWING COAL. Crimson-scarlet.

GRACE. Pinkish blush.

-LA PHARE. Rose scarlet.

MADGE WILDFIRE. Bright rosy scarlet.

MARIE BERSAUD. Orange scarlet.

MRS. BOND. Crimson, shaded with scarlet.

PARADISE. Clear claret.

ROVER. Deep scarlet; shaded with maroon; extra fine. 50 cts.

SAPPHO. Deep scarlet.

WACHT AM RHEIN. Maroon, shaded with light carmine.

## WHITE.

ALBA MULTIFLORA.

BLANCH FLEUR.

FANNY. Blush.

MRS. WM. PIGGOTT.

MISS HENSHAW.

MISS BELLA.

OBLATA.

PRINCESS MATHILDA.

SNOWDRIFT.

SNOWSTORM.

VESTA.

VIRGO MARIA.





DOUBLE DAHLIAS.

## LILIPUTIAN, OR BOUQUET DAHLIAS.

The term "Liliputian" applies to the flowers, not to the plants. They are distinguished by a profusion of elegant miniature blossoms, remarkable for their symmetry of form and beauty of colors. They will be found useful in forming Bouquets, Baskets, or Vases of cut-flowers. Price, 30 cents each; \$3.00 per dozen.

AUERBACH. Orange, bronze shade.  
BRIDE OF SAXONY. Marbled rose.

CARL MUCHLER. Rosy lilac.

COMTE DOHNA. Purplish lilac.

CORA. Blush, edged crimson,  
tipped with white.

DEUTSCHER TURNERGRUSS. Crimson  
scarlet, edged with white.

DEUTSCHE MÆDCHENLIEBE. Lilac.

DEUTSCHE ORDEN. Dark purple.

DEUTSCHE JUGENDFUELLE. Rose.

DEUTSCHER ZELLENMEISTER. Pure  
scarlet.

DIACONUS LAHOTE. Orangescarlet.

DR. SCHWEBBS. Deep scarlet.

ELSTERNIXE. White, shaded and  
tipped with lilac.

ESMERALDA. Rosy lilac.

GOLDFINCH. Golden yellow, tip-  
ped with orange red.

GRUSS AN TURGAU. Fawn color.

HERR VON DREUSSE. Bright rose,  
shaded with crimson.

HERTHA VON BONIN. Purplish  
violet.

HIPOCRATES. Bright scarlet.

JULIUS HAMMER. Light scarlet.

KIND DER TREUE. White, shaded  
with blush.

KLEINER PREUSSE. White, edged  
with maroon.

KLEINE ROSENBRAUT. Rose.

KLEINE SACHSENBRAUT. Yellow,  
tipped with scarlet.

KLEINER GOTTHOLD. Crimson,  
shaded with maroon.

LIEBESBLICK. Buff, carmine tip.

LITTLE BRIDE. Blush, tipped  
with carmine.

LITTLE DAISY. Deep rose.

LITTLE GEM. Deep maroon.

LITTLE GOLDLIGHT. Yellow, sha-  
ded with scarlet.

LITTLE HELENE. Blush, tipped  
with purple.

LITTLE HERMANN. Yellow, tipped  
with scarlet.

LITTLE MISTRESS. Violet purple.

LITTLE NAJADE. Rose, edged  
with crimson.

LITTLE PRINCE. Currant-red, tip-  
ped with white.

LITTLE WILHELMINA. Light yel-  
low, tipped with pink.

MAD. C. HAROLD. Blood red,  
shaded with golden yellow.

MAD. SIMONSON. Yellow, shaded  
with lilac.

MAJOR DOMO. Deep crimson.

CEILLET IMPERIALE. Blush white,  
tipped with carmine.

RACINE. Maroon.

UNA. Pure white.

UTZ. Dark maroon.

## NEW GLOXINIAS.

Pendant and erect varieties, imported from the celebrated collection of L. Van Houtte. A beautiful plant for pot culture, requires a moist warm atmosphere, producing a profusion of large bell-shaped flowers, beautifully shaded with porcelain, blue, pink, crimson, etc. Price, 50 cents each. *One dozen distinct varieties named, \$4.50.*

## NAEGELIAS (GESNERIA) LEICHTLINI,

With beautiful velvet-like foliage, and showy spikes of flowers. Dry tubers, 50 cents each. Also the following new varieties at 75 cents each: Bicolor, Chromatella, Sappho, Mad. Van Houtte.

## SUMMER-FLOWERING BULBS, *FRENCH HYBRID GLADIOLUS.*

They are the most stately and effective of the whole genus; being of a robust erect growth, with green sword-shaped leaves and magnificent flower-scapes, rising from two to four feet in height. The colors comprise the most brilliant of orange, scarlet, and vermilion tints upon yellow and orange grounds, including a graduated scale of intermediate shades, from white and rosy blush and salmon rose tints, to a salmon red and nankeen; from blush-white with purple crimson throat, and marginal streak of pink, to light rosy salmon grounds, with flakes of deep carmine. A succession of bloom may be had from July to Sept'r, by planting at intervals from April to June, reserving the strongest bulbs for the latest planting. Their culture is very simple: they will grow in any ordinary garden mould, but succeed best in good earth, manured with well-rotted horse-dung. The bulbs are taken up in the fall and placed in a dry cellar, protected from frost.



A discount of ten per cent. from catalogue prices will be made, when one dozen varieties are selected. Twenty per cent. on one hundred varieties.

This collection received First Premiums at the Exhibitions of the Pennsylvania Horticultural Society, in 1867, 1868, 1869, & 1870.

### *GLADIOLUS, in Assortments—Invariably our Selection.*

No.	Price.	No.	Price.
1...12 good old varieties for.....	\$ 1 50	5...100 with names, 25 choice varieties.....	20 00
2...12 choice old varieties for.....	2 50	6...100 without names, mixed.....	5 00
3...12 very choice varieties for.....	5 00	7...12 without names, mixed.....	1 00
4...12 new and rare varieties.....	10 to 20 00		

✍ Will be forwarded by mail, *carefully packed*, without additional cost.

➡ See next page for varieties of Gladiolus. ➡



## FRENCH HYBRID GLADIOLUS.

Having made a specialty of this favorite flower, we confidently offer this list, as one of the largest and best in the country; all the bulbs have been grown on our grounds at Riverton.—The Varieties in black caps are among the *newest* or most choice show-flowers.

**ACHILLE.** Currant-red, white lines. Price, 50 cents.

**ADONIS.** Light rosy salmon, carmine margin. Price, 15 cents.

**AGLÆ.** Bright shaded salmon; large. Price, 25 cents.

**AMABILIS.** Vermilion scarlet; dwarf. Price, 20 cents.

**ANATOLE LEVANNEUR.** Rosy violet, spotted with carmine. Price, 25 cents.

**APOLLON.** Large flower of a perfect shape; rosy lilac, with a large stain of light rose, fine, striped with white in the centre. Price, 80 cents.

**ARCHIMEDE.** Large rich-flamed salmon-red. Price, 20 cents.

**ARGUS.** Long spike of well opened flowers; glittering fire-red centre, and lower divisions pure white. Price, \$2.00.

**ARISTOTE.** Light rose, purplish crimson stripes. Price, 15 cts.

**ARMIDA.** Large ample spike, well opened white flowers, slightly tinged with a very fine carmine-rose; *extra*. Price, \$4.00.

**BERENICE.** Pink, flaked with cherry; maroon stripes. Price, 25 cents.

**BERNARD DE JUSSIEU.** Violet ground, shaded and tinted with cherry and purple, stains purple on white ground, new and almost indescribable color. Price, \$1.50.

**BERTHA RABOURDIN.** Pure white, carmine stain. Price, 50 cents.

**BRENCHILIENSIS.** Very fine rich scarlet. Price, 10 cents.

**CALENDULACEUS.** Bright nankeen yellow. Price, 25 cents.

**CALYPSO.** Rose, striped and blotched with carmine. Price, 30 cents.

**CANARY.** Clear yellow, shaded with rose. Price, 30 cents.

**CANOVA.** Long spike of very large white, carmine spotted flowers. Price, \$1.00.

**CELINE.** White and rose ground, carmine stripes. Price, 40 cts.

**CERES.** Pure white, stained with purplish rose; large. Price, 50 cents.

**CHARLES DICKENS.** Light rose, tinted with chamois, blazed and striped with carminate rose. Price, 50 cents.

**CHERUBINI.** Large flower, perfect shape, with ground largely blazed with carminate violet. Price, \$1.00.

**CITRINUS.** Light yellow, lower petals dark yellow. Price, 75 cents.

**CLEMENCE.** White ground, with rose and crimson flakes. Price, 40 cents.

**COMTE DE MORNY.** Dark cherry, with white blotches; *extra*. Price, 40 cents.

**COURANTI FULGENS.** Very rich dark crimson. Price, 10 cents.

- CUVIER. Amaranth, blazed with purple ; large. Price, 30 cents.
- DANAE. White, shaded with violet. Price, 40 cents.
- DAPHNE. Light cherry, with dark stripes. Price, 25 cents.
- DE CANDOLLE. Light cherry, blazed with red, fine shape. Price, 75 cents.
- DELECATISSIMA.** Long spike of fine white flowers, very slightly tinged, bordered and blazed with a soft carmine lilac ; very fine. Price, \$2.00.
- DIANA. White, flaked with dark red ; very fine. Price, 40 cents.
- DOCTOR ANDRY. Rich salmon scarlet, marked with dark red. Price, 20 cents.
- DON JUAN. Orange and fire-red. Price, 10 cents.
- DR. LINDLEY.** Ground light rose, borders of the petals very bright rose, blazed with cherry, large and fine. Price, \$1.00.
- DUC DE MALAKOFF. Orange red, blazed with lighter stripes, white ground. Price, 40 cents.
- EDITH. Rose carnation, dark stripes, large. Price, 20 cents.
- EGERIE. Light orange-colored rose. Price, 20 cents.
- ELDORADO. Fine pure yellow, red stripes in lower division. Price, 50 cents.
- EMMA. Light carmine spotted ; dwarf. Price, 10 cents.
- ENDYMION. Clear pink, edged with rose, marked with deep crimson. Price, 30 cents.
- ERATO. Pale rose, carmine stains. Price, 30 cents.
- ERNST DUVAL. Dark red, violet shade. Price, 25 cents.
- ETENDARD.** Flower very large and wide, perfect white, slightly blazed with bluish lilac ; long spike,  $2\frac{1}{2}$  to 3 feet. Price, \$1.50.
- EUGENE VERDIER. Dark carmine, purple shade ; dwarf. Price, 30 cents.
- EURYDICE. Pure white, blazed with bright carmine ; large flower, perfect shape. Price, \$1.00.
- FANNY ROUGET. Flesh-colored rose. Price, 15 cents.
- FENELON.** Delicate rose, tinged with violet, and blazed with carmine ; tall plant, large spikes. Price, \$1.00.
- FLORA. White ground, shaded with lilac, very long spikes, perfect shape. Price \$1.00.
- FULTON. Transparent velvet-like vermilion, bright purple stain, large flower, fine shape. Price, 75 cents.
- GALATHE. Nearly white, with carmine stains. Price, 20 cents.
- GIL BLAS. Striped cherry color. Price, 40 cents.
- GOLIATH. Large, light red, carmine stains. Price, 20 cents.
- HEBE. Salmon tinted white, flaked with rose. Price, 25 cents.
- HECTOR. Rose, striped with darker rose. Price, 20 cents.
- HELENE. Lilac-tinged white, purple stripes. Price, 40 cents.
- HENRIETTA. White, tinted and blazed with lilac ; dwarf. Price, 50 cents.
- HORTENSE.** Beautiful rose-color, on white ground largely blazed with carmine red. Price, \$1.00.
- IMPERATRICE. Blush white, striped with purple. Price, 20 cts.

- IMPERATRICE EUGENIE.** White ground, blazed with rosy violet; very large flower, perfect shape. Price \$1.00.
- ISABELLA.** Pure white, with large dark carminate violet stains; very fine spike. Price, \$1.00.
- ISOLINE.** Pale flesh and carmine, violet stain. Price, 25 cents.
- JAMES WATT.** Bright vermilion, large pure white stain, striped with purple. Price, 50 cents.
- JEANNE D'ARC.** White, tinged with rose. Price, 30 cents.
- JENNY LIND.** Delicate rose, blazed with bright carminate cherry. Price, \$1.00.
- JOHN WATERER.** Light cherry, blazed with red, large white stains, striped with rose; large. Price, \$1.00.
- JUNO.** White, striped with lilac, purple stain. Price, \$1.00.
- LA CANDEUR.** Very long spike of large well-opened flowers, of a perfect white, lightly striped with carmine violet. Price, \$3.00.
- LADY FRANKLIN.** White, tinged with rose, striped with carmine, and blazed with carminate rose. Price, \$1.00.
- LA FIANCE.** Very pure white, small bluish-violet stain; flower large and perfect. Price, \$1.50.
- LE BARIOLE.** Flesh, striped with carmine and violet; dwarf. Price, 20 cents.
- LELIA.** Peach blossom, stained with lilac; fine. Price, 25 cents.
- LEONORA.** Cherry red, tinted with orange; large. Price, 75 cts.
- LE POUSSIN.** Light red, white ground, and very large white stains on the inferior division; *extra*. Price, 40 cents.
- LORD BYRON.** Brilliant scarlet, stained and ribboned with pure white. Price, 75 cents.
- LORD GRANVILLE.** Pale yellow, striped with rose. Price, 40 cents.
- LORD RAGLAN.** Rosy salmon, vermilion spots. Price, 40 cents.
- LOUIS VAN HOUTTE.** Velvety carmine with purple. Price, 15 cents.
- MAC MAHON.** Cherry, tinted with salmon. Price, 60 cents.
- MADAME BASSEVILLE.** Cherry, purplish stain on white ground, white lines in the middle of each division. Price, 50 cents.
- MADAME BINDER.** White, carmine stripe; dwarf. Price, 50 cts.
- MADAME DE SEVIGNE.** Light cherry, very largely stained and lined with pure white; fine. Price, 60 cents.
- MADAME DE VATRY.** White, purplish-carmine stains, very large. Price, 40 cents.
- MADAME DUVAL.** Flesh color and violet, purplish carmine stains; dwarf. Price, 25 cents.
- MADAME EUGENE VERDIER.** Deep cherry, bright purple stains. Price, 25 cents.
- MADAME HACQUIN.** Blush, heavily flaked with lilac purple. Price, 20 cents.
- MADAME HENRIQUE.** Creamy white, flaked with purple. Price, 20 cents.
- MADAME LESEBLE.** Pure white, large purplish-rose stain. Price, 50 cents.



**MADAME PAILLET.** Carmine and violet. Price, 25 cents.

**MADAME PELE.** Delicate pink, flaked with cherry. 50 cents.

**MADAME PERREIRE.** Pure white, purple stain, white centre. Price, \$1.00.

**MADAME RABOURDIN.** Rose, flaked with carmine, and slightly lined with white in the centre of petals. Price, 80 cts.

**MADAME VICTOR VERDIER.** Rich rosy salmon, stained with crimson purple. Price, 20 cents.

**MADAME VILMORIN.** Rose, lighted with white in the centre, shaded with darker rose, and striped with carmine on white ground; large and fine. Price, \$1.00.

**MARIA DUMORTIER.** White, slightly streaked with rose and violet purple; *extra*. Price, 60 cents.

**MARS.** Beautiful scarlet. Price, 30 cents.

**MATHILDE DE LANVOISIN.** White, carnation tinted. 40 cts.

**MAZEPPA.** Orange rose, yellow stains striped with rose. 25 cts.

**METEOR.** Dark red, very brilliant, large stains of pure white. Price, \$1.00.

**MEYERBEER.** Very brilliant nasturtian red, blazed with vermilion, amaranth red stain; large flower, perfect shape, very long spike; vigorous and splendid plant; *extra*. Price, 75 cts.

**MIDAS.** Vivid rose, mottled with cherry scarlet. Price, 30 cts.

**MILTON.** White, slightly tinted with rose, largely blazed with red; *extra*. Price, \$1.00.

**MOLIERE.** Dark red, with violet carmine; fine. Price, 30 cents.

**MONS. BLOUET.** Rose, shaded carmine. Price, 20 cents.

**NAPOLEON III.** Very bright scarlet, white streak. Price, 40 cts.

**NELLY.** White, blazed with carminate rose, large stain of carmine. Price, 50 cents.

**NEMESIS.** Bright rose, lined with white. Price, 25 cents.

**NEPTUNE.** Rosy carmine, violet centre. Price, 15 cents.

**NEWTON.** Dark crimson with white ground, largely lined with white; new shade. Price, \$1.00.

**NINON DE L'ENCLOS.** Blush, striped with crimson. 25 cents.

**OPHIR.** Dark yellow, purple stain. Price, 60 cents.

**ORACLE.** Cherry rose, brilliant and fine. Price, 40 cents.

**ORPHEUS.** Vigorous plant, very long and magnificent spike of large flowers, admirably set, rose color, blazed with carmine; perfection. Price, \$4.00.

**OSIRIS.** Dwarf, purple stained with white. Price, 30 cents.

**OTHELLO.** Light orange red, dwarf. Price, 20 cents.

**PALLAS.** Bright rose, striped with deep rose. Price, 20 cents.

**PEGASSE.** Pink, flaked with salmon rose; very large. Price, 20 cents.

**PELLONIA.** Variegated rose, tinted with carmine. Price, 20 cts.

**PENELOPE.** Large flower, white and carnation. Price, 30 cts.

**PERICLES.** Splendid spike of large well-set flowers. light rose, bordered and blazed with carminate purple, very large pure white stains; perfection. Price, \$3.00.

**PICCIOLA.** Fine spike, flowers rose, glazed and blazed with bright carminate rose, stains large pure white. Price, \$1.00.

**PREMICES DE MONTEROUGE.** Brilliant red ; dwarf. Price, 20 cts.  
**PRINCE IMPERIAL.** White, with carmine ; fine and large.  
 Price, 30 cents.

**PRINCESS MATHILDE.** Beautiful rose, carmine stains. Price, 50 cents.

**PRINCESS MARIE DE CAMBRIDGE.** White, with very large carmine stain, large, well-opened flower ; *extra*. Price, \$2.00.

**RACINE.** Long spike of cherry colored flowers. tinged with violet, centre white, striped with pure white. Price, \$1.50.

**RAPHAEL.** Deep vermilion centre, lighted with white. 30 cts.

**REBECCA.** White, striped with lilac. Price, 30 cents.

**REINE VICTORIA.** Pure white, violet carmine stain ; large and fine ; one of the best ; *extra*. Price, 50 cents.

**REMBRANDT.** Very bright deep scarlet. Price, 25 cents.

**REVEREND BERKELEY.** Light rose, tinted with violet and carminate, striped on white ground. Price, \$1.00.

**ROBERT BLUM.** Pale red, flaked with deep scarlet. 20 cents.

**ROBERT FORTUNE.** Long spike, large open flowers of a carmine-red color, tinged with violet, pure white lines on all the divisions ; perfection. Price, \$3.00.

**ROMULUS.** Large flowers, brilliant brownish-red, large pure white stain ; very showy. Price, 75 cents.

**ROSA BONHEUR.** Large, well-opened white flowers, slightly tinged with lilac, and blazed with carmine violet. Price, \$3.00.

**ROSSINI.** Dark amaranth-red, lined and stained with white, flower large, perfect, very long spike. Price, \$1.50.

**RUBENS.** Bright vermilion, striped with carmine, whitish ground. Price, 50 cents.

**SCHILLER** Long spike of large well-opened sulphur-colored flowers, large carmine stain. Price, \$2.00.

**SHAKSPEARE.** White, very slightly blazed with rosy carmine, large rose stain ; *extra*. Price, \$1.00.

**SIR JOS. PAXTON.** Red, slightly tinged with light orange, finely striated with carmine on white ground. Price, \$1.00.

**SIR WM. HOOKER.** Light cherry, rosy carmine stain on pure white ground, large and well-opened flower. Price, \$1.00.

**SOLFATERRE.** Deep sulphur yellow. Price, 80 cents.

**STUART LOWE.** Rosy violet, stained and blazed with deep rose on white ground. Price, 60 cents.

**SULFUREUS.** Sulphur yellow. Price, 40 cents.

**THALIA.** White, striped with carmine ; large. Price, 60 cents.

**THERESA.** Rose, shaded with salmon, carmine stain. 30 cents.

**TRIOMPHE DE ENGHIE.** Rich crimson ; dwarf. Price, 20 cts.

**URANIA.** Large, pure white, blazed with carminate rose ; fine and brilliant variety. Price, \$2.00.

**VESTA.** Pure white, spotted with purplish carmine. 30 cents.

**VICTOR VERDIER.** Brilliant dark scarlet, crimson shade. 30 cts.

**VULCAIN.** Brilliant dark velvety crimson, purple shade. 60 cts.

**WALTER SCOTT.** Bright rose, white ground, striped with rosy carmine. Price, 50 cents.



### TIGRIDIA, OR TIGER FLOWER.

Natives of Mexico, producing flowers of exquisite beauty, and singularly curious shape, and the color of each variety gorgeous and purely contrasted; in bloom from July to October. After frost, take up the bulbs, and keep in dry place away from frost, until the time of planting in the spring. The following are the most distinct and beautiful varieties. We have imported several of the so-called new varieties, but find them no improvement.

Price 10 cents each; 75 cents per dozen; \$5 00 per hundred.

CONCHIFLORA. Orange and golden yellow, spotted with dark crimson.

PAVONIA. Rich scarlet, tinged and spotted with yellow.

### AGAPANTHUS UMBELLATUS.

(*African Blue Lily.*)

A noble plant, belonging to the bulbous rooted section, with ever-green foliage. A large plant, under good treatment, will frequently send up a flower-stalk three feet high, crowned with twenty or thirty heads of flowers, which will come into blossom in succession. It blooms during the summer, and forms a fine ornament to an architectural terrace, or a lawn. Price of plants from \$ 1.00 to \$2.00 each, according to size.

The following are varieties of the above :

A. UMBELLATUS MINOR. A dwarf variety. Price \$1.00.

A. do. ALBA. White flowers. Price \$1.00.



## DOUBLE TUBEROSE,

One of the most delightfully fragrant and beautiful of the summer-flowering bulbs, throwing up tall spikes of double white flowers two to three feet high, which remain in bloom a long period. It is now an indispensable article in making up a bouquet or basket of flowers at any time during the year, as by skilful management a succession of flowers can be obtained. For early flowers they can be started in February or March, in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open borders, they can be planted about the first of May; they will then bloom in September. The bulbs we offer this season are very fine, and certain to flower.



First size, each.....	\$ 10
Per dozen.....	1 00
Per hundred.....	6 00
Second size, each.....	8
Per dozen.....	80
Per hundred.....	5 00
First size, started in pots for early flowering, per dozen.....	2 50

## SINGLE TUBEROSE

Is also valuable as a bouquet flower, as it flowers earlier than the double, and on this account more suitable for northern latitudes. Price, 10 cts. each; \$1.00 per dozen.

## VARIEGATED-LEAVED TUBEROSE.

A new variety, with variegated leaves, striped with light yellow; very attractive. Price, 50 cents each.

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## DREER'S DESCRIPTIVE CATALOGUE

OF

## Bulbs and other Flower Roots

For planting in the autumn—with directions for their culture and management—is issued yearly, on the 1st of August, and contains a Select List of the finest HYACINTHS, TULIPS, CROCUS, LILIES, etc., beautifully illustrated with engravings, and a colored plate. Mailed to all our customers.



### HYBRID AMARYLLIS.

Imported direct from the celebrated collection of Louis Van Houtte, Belgium. These splendid varieties are desirable for room culture, the greenhouse, or conservatory, etc., producing from two to four of the richest crimson, scarlet, white striped, and self-colored lily-like flowers. \$1.50 each, \$15.00 per dozen.

The following varieties, *Hybrids of Vittata*, are from M. Sonchet, Paris, the successful *Gladiolus* grower:

Hybrids, with white ground, lined and striped with red and rose. Price, \$2.00 each.

Hybrids, red ground, striped with white. Price, \$1.50.

Also the following choice named varieties from the celebrated collection of E. H. Krelage & Son, Haarlem:

AULICA. Dark crimson; large and fine. Price, \$2.50 each

JOHNSONII. Scarlet striped with white. Price, \$2.00 each.

PRINCE OF ORANGE. Bright orange; large. Price, \$2.00 each.

VITTATA. White, striped with dark rose; *extra*. Price, \$2.00.

FORMOSISSIMA. (*Jacoea Lily*.) With crimson-velvet color, flowering about the 1st of June. The flowers have a most graceful and charming appearance. Price, 25 cents each; \$2.50 per dozen.



### VALLOTA PURPUREA.

Somewhat of a misnomer as regards color, for the flowers are of a brilliant scarlet, resembling the *Amaryllis*, the bulb throwing up its strong stems about one foot high, with from five to eight of its lily-like flowers; very ornamental for bedding out, or cultivation in pots. Unlike many other bulbs, it requires no season of rest, but can be kept constantly in a growing condition. Strong flowering bulbs, 75 cents each.

## LILIUM AURATUM, OR GOLDEN JAPAN LILY.



This superb Lily has flowers from ten to twelve inches across, composed of six delicate white ivory-like petals, each being thickly studded with rich chocolate-crimson spots, and having a bright golden band through the centre of each petal, with an exquisite vanilla-like perfume. As the bulbs acquire age and strength, the flowers obtain their maximum size and number. Upwards of twelve flowers have been produced on a single stem. It is perfectly hardy in dry soils, and is also admirably adapted for pot culture.

Strong flowering bulbs, \$1.00 to \$2.00 each.

Second size flowering bulbs, 25 cents to 75 cts each.



## CALIFORNIAN LILIES.

The following varieties we have received from a responsible collector and botanist in California, which we offer with the descriptions received.

**HUMBOLDTII.** Color golden yellow, spotted with scarlet; flowers drooping on long peduncles; a magnificent plant of stately habit, from 5 to 7 feet in height. Price, \$1.50.

**GIGANTEUM** (So called), resembling somewhat *Lil. superbum*. Price, \$1.50.

**WASHINGTONIANUM.** Flowers erect, pure white, with bright scarlet spots, produced in great numbers on strong tall stems, four or more feet high; delightfully fragrant; one of the most beautiful lilies yet introduced. Price, \$2.00.

## JAPAN LILIES.

(*Lilium lancifolium*.)

These superb lilies are perfectly hardy, flowering freely in July and August, forming one of the most striking objects in the flower border. Strong bulbs, for spring planting, can be furnished as late as the 1st of April, after which time they can be furnished in pots, for turning out into the border. They also flower finely in pots.

**L. LANCIFOLIUM ALBUM.** White. Price, 50 cents.

**L. do. ROSEUM.** Spotted rose. Price, 40 cents.

**L. do. RUBRUM.** White and red spotted. Price, 40 cents.

**L. do. MONSTROSUM ALBUM.** Price, \$1.00.

**L. do. do. RUBRUM.** Price, \$1.00.

*For other varieties, see Bulb Catalogue.*

## MADEIRA, or MIGNONETTE VINE.

(*Also known as the Mexican Vine.*)

Of rapid growth, suitable for covering arbors and trellis work. Flowers feathery white, with a fragrance resembling mignonette. Price, 10 cents each, \$1.00 per dozen; started in pots, \$2.00 per dozen.

## BASELLA RUBRA VARIEGATA.

A beautiful species of *Mexican Vine*, of a shrubby habit; height about 18 inches, with large, fleshy, white-and-green foliage; bright-red stems. Flowers pink; perfume similar to mignonette. A new introduction from the West Indies; fine for bedding out in a sunny position. Price 25 cents each; \$2.50 per dozen.

## YUCCA FILAMENTOSA.

*(Adam's Needle.)*

This is quite an ornamental, as well as hardy plant, and forms a pleasing contrast with other plants on account of the peculiarity of its foliage, which resembles the palm or aloe. The flower-stem rises to the height of five or six feet, surmounted with large, bell-shaped, white flowers; blooms in August and September. Price, 50 cents each.

## HARDY FLOWERING SHRUBS.

These add materially to the beauty of the garden, furnishing a supply of flowers during the spring and summer months, many of them of delightful fragrance.

	Each
ALTHEA (Rose of Sharon). Varieties .....	\$ 25
ALMOND. Double flowering, rose-colored blossoms.....	50
AZALEA PONTICA. Beautiful flowering shrubs, several varieties.....	1 00
CALYCANTHUS FLORIDUS (Sweet-scented shrub). A great favorite.....	50
CHIONANTHUS VIRGINICA. (White Fringe Tree.) Very showy.....	1 00
CYDONIA JAPONICA (Pyrus Japonica). Thorny shrub, with deep scarlet flowers.....	50
CYTISUS LABURNUM (Golden chain). Long racemes of golden-yellow flowers.....	50
DEUTZIA SCABRA. Bears a profusion of white flowers in the spring .....	25 cents to.. 50
DEUTZIA GRACILIS. A neat, dwarf-growing shrub, with panicles of pure white flowers blooming in great profusion; equally desirable for pot culture or open ground. This variety is much used by florists for forcing into early bloom as a bouquet flower.....	25 cents to 50
DEUTZIA CRENATA FLORAPLENA. A double variety, flowers pure white, double, produced in drooping clusters from three to four inches in length.....	50
FORSYTHIA VIRIDISSIMA (Golden Bell). Beautiful yellow bell-shaped flowers, early and profuse bloomer....	25 to 50
FORSYTHIA FORTUNII. A new and distinct species from Japan.....	75
MAGNOLIA. The Magnolia is one of the most attractive and beautiful class of plants in cultivation; not only the flowers are beautiful, but also the foliage.	
CONSPICUA. Large Chinese white.....	\$2.00 to 4 00
SOULANGEANA. White, purple centre.....	\$2.00 to 4 00
GRACILIS. Dark purple, dwarf.....	50
PURPUREA. Chinese purple.....	50
THOMSONIANA.....	2 00

## HARDY FLOWERING SHRUBS—Continued.

Each

PEACH. Double flowering, very ornamental and attractive, with its profusion of large double blossoms; two varieties, pink and white.....	\$ 75
PHILADELPHUS (Syringa). A popular shrub, known also as the <i>Mock Orange</i> , from the agreeable fragrance of its white flowers, resembling orange blossoms.....	25 cts. to 50
PRUNUS SINENSIS (Double white flowering plum). A beautiful shrub, with flowers of pure white.....	50
RHUS COTINUS (Purple Mist Tree). Showy, strong growing shrub.....	50
SPIRÆA. Beautiful dwarf shrubs, of various colors, and blooming at different periods, from early spring until autumn. The following are the most desirable....	25 to 50
AUREA. White flowers, foliage yellowish-green.	
BILLARDII. Flowers in pink spikes.	
CALLOSA. Pink corymbs; fine.	
CALLOSA ALBA. Dwarf, free bloomer, flowers pure white, in corymbs two inches in diameter.	
PRUNIFOLIA. Double white.	
REEVESII FLORA PLENA. Double white, bridal wreath.	
ULMIFOLIA VARIEGATA. Variegated elm-leaved.	
THUNBERGIA. Very dwarf white.	
JAPONICA. Dwarf, elegant white spikes.	
SYRINGA (Lilac). A well-known and favorite early flowering shrub, with very fragrant flowers.....	25 cts. to 50
VIBURNUM OPULIS (Snowball).....	25 cts. to 50
WEIGELIA. Popular and handsome shrub, well deserving a place in every garden, being handsomely shaped, good growers, and bearing a profusion of bunches of pink and white flowers, during the spring and summer months.....	25 cts. to 50
The following are choice varieties:	
AMABILIS. Light pink.	AMABILIS VARIEGATA.
AMABILIS ALBA. White.	Variegated foliage.
ROSEA. Deep pink.	ISOLINE. Pure white.

## SELECT HARDY EVERGREENS.

ARBOR VITÆ (AMERICAN). Very useful and easy of transplanting .....	25 cts. to 50
American Arbor Vitæ, for hedges, per 100.....	\$15.00 to 20 00
ARBOR VITÆ (SIBERIAN). A compact variety of the American, of very close habit, quite hardy....	50 cts. to 1 00
ARBOR VITÆ (GOLDEN). A beautiful dwarf variety..	50 to 2 00
ARBOR VITÆ (GLOBE). Of dwarf globular form, also adapted for planting as a border edging.....	25 cts. to 1 00
AUSTRIAN PINE. A robust and grand evergreen tree.....	50
BOX TREE. A well-known evergreen. 3 feet.....	2 50
CUPRESSUS LAWSONIANA. (Lawson's Cypress). A beautiful variety.....	\$1.00 to 2 00



## SELECT HARDY EVERGREENS—Continued.

Each

NORWAY SPRUCE. The most useful, hardiest, and most graceful of popular evergreens. 2 feet.....	50
Norway Spruce, for hedges, per 100.....	\$20.00 to \$30 00
HEMLOCK SPRUCE. A very hardy and graceful indigenous tree, a little difficult of removal, but when once established, second to none in beauty.....	25 cts. to 1 00
Hemlock Spruce, for hedges, per 100.....	\$20.00 to 30 00
RHODODENDRON CATAWBIENSIS. Varieties.....	1 00
UPRIGHT JUNIPER. Very desirable for planting along walks	50

## CHOICE HARDY SHRUBS, ORNAMENTAL TREES, Etc.

ACER NEGUNDO FOLIS VARIEGATIS. Beautiful.	\$2.00.
“ COLCHICUM RUBRUM.	\$1.50 to \$2.00.
CORYLUS ATRO PURPUREA <i>Purple-leaved Filbert.</i>	\$1.00.
DEUTZIA FORTUNII. One of the newer introductions from Japan, with distinctly-marked leaves and large, white flowers.	50 cts.
DEUTZIA GRACILIS AUREA VARIEGATA. Golden edge.	\$1.00.
FAGUS PURPUREA. <i>Purple Beech.</i>	\$1.50.
KILMARNOCK WEEPING-WILLOW. A beautiful ornamental tree, fine trained standards 6 feet high.	\$2.50.
MAHONIA AQUIFOLIA. <i>Holly-leaved Berberry.</i>	50 cts.
PHILADELPHUS KETELERII, <i>fl. pl.</i> A new, double-flowering variety of the favorite Mock-orange.	\$1.00.
“ NEPALENSIS, <i>fol. var.</i> With variegated foliage. New.	\$1.00.
PRUNUS TRILOBA. Beautiful, strong plants.	\$1.50.
RIBES SANGUINEUM, <i>fl. pl.</i> <i>Double-flowering Currant.</i>	\$1.00.
SPIRÆA ULMARIA, <i>fol. var.</i> A herbaceous variety, with beautifully golden, blotched foliage.	50 cts.
SYRINGA VULGARIS, <i>fl. pl.</i> <i>Double-flowering Lilac.</i>	\$1.00.
WEIGELIA ROSEA, <i>fol. variegata.</i>	50 cts.
WISTARIA SINENSIS ALBA. A white variety of the favorite and beautiful climbing <i>Wistaria</i> or <i>Glycene.</i>	\$1.00.

## CHOICE EVERGREEN SHRUBS AND TREES.

*Suitable for planting out in the south or in sheltered positions.*

AUCUBA JAPONICA. Blotched foliage.	25 cts.
“ “ Strong plants.	\$1.00.
ARAUCARIA IMBRICATA. <i>Chili Pine.</i>	\$2.50.
CEDRUS DEODAR. A beautiful and graceful tree.	\$2.50.
CRYPTOMERIA JAPONICA.	75 cts. to \$1.50.
EUONYMUS JAPONICA. Green.	25 to 50 cts.
“ “ Variegated.	50 cts.
MAGNOLIA GRANDIFLORA.	\$1.00.
TAXUS FASTIGIATA. <i>Irish Yew.</i> Hardy.	\$1.00 to \$2.00.
RETINOSPORA PLUMOSA. Elegant; dwarf.	\$1.00.
“ SQUARROSA. Beautiful.	\$1.00.

## HARDY VINES AND CREEPERS.

These are desirable for covering arbors, trellises, etc., and add much to the beauty of the garden or varandah. Price, 25 to 50 cents each, according to size.

**AKEBIA QUINATA.** A climbing plant, from Japan, with beautiful cut foliage, having large clusters of chocolate-colored flowers, which are very fragrant.

**AMPELOPSIS QUINQUEFOLIA.** (*Virginia Creeper.*) A very rapid grower, with large dark-green foliage, which changes in the fall to scarlet.

**AMPELOPSIS VEITCHII.** (New.) A miniature-foliaged Virginia Creeper, clinging with the tenacity of the strongest ivy, and produces in great profusion its dense foliage, of a glossy-green, shaded with purple. Of rapid growth, and hardy.

**ARISTOLOCHIA SIPHO.** (*Dutchman's Pipe.*) Very large leaves and brownish flowers, of a very singular shape, resembling a pipe. Price, 50 cents to \$1.00.

**BIGNONIA RADICANS.** (*Trumpet Creeper.*) A climbing plant, with large, trumpet-shaped flowers of a reddish-orange color, and very showy when in bloom.

**BIGNONIA GRANDIFLORA.** Large orange-scarlet flowers; fine for pillars or trellises, being of a more dwarf compact growth than the *Radicans*. 50 cts.

**HUMULUS LUPULUS.** (*Hop Vine.*) Luxuriant covering for an arbor or trellis.

**JASMINUM NUDIFLORUM.** (*Yellow, Hardy Jessamine.*)

**JASMINUM OFFICINALE.** (*White Flowering Jessamine.*)

**PASSIFLORA INCARNATA.** (*Hardy Passion Vine.*) A beautiful vine, with blue flowers.

**PERIPLOCA GRÆCA.** (*Virginia Silk Vine.*)

**VITIS VARIEGATA.** With variegated cut leaves, producing clusters of purple berries; a rapid grower.

**WISTARIA SINENSIS.** (*Chinese Glycene.*) One of the most hardy climbing plants, and when once established, of rapid growth, covering the entire side of a house in a few years, presenting a magnificent appearance when in full bloom, with its thousands of rich clusters or pendulous racemes of delicate violet-blue blossoms, richly perfumed. 50 cts.

**WISTARIA SINENSIS ALBA.** A white variety of the above, but not so strong a grower. \$1.00.

**WISTARIA FRUTESCENS.** (*American Glycene.*) Of a more dwarf habit than the *Chinese*.

## HARDY CLEMATIS.

The improvement in this family within a few years, surpasses anything we have in the hardy line. We have imported all the new hybrids recently introduced in England, and offer the following selection. For varandahs, fences, trellises, etc., of moderate height, they are most appropriate. A covering of leaves or litter during the winter, will be needful in exposed situations.

HARDY CLEMATIS—*Continued.*

	<i>Price.</i>
AZUREA GRANDIFLORA. Large azure-blue flowers....	\$ 50
FLAMULA. ( <i>Virgin's Bower.</i> ) Fine foliage, with small white flowers, in clusters; fragrant.....	" 25 to 50
FORTUNII. Large, double white.....	" 1 00
JACKMANII. Large, rich violet-purple; very fine.....	" 75
LANUGINOSA. Very large, pale-blue flowers.....	" 50
LANUGINOSA NIVEA. Large, white.....	" 1 00
RUBELLA. Rich purple.....	" 50
RUBRO-VIOLACEA. Large, rich purplish-violet... ..	" 75
STANDISHII. Blue, profuse flowering.... ..	" 50

## IVY—(HEDERA).

The most useful and popular evergreen vine. The varieties marked with a \* are the hardiest and most vigorous, suitable for covering walls, fences, trees, rock-work, and rustic work, as well as baskets or vases. The others are of a more slender growth, and used principally for hanging-baskets, vases, etc.

	<i>Price.</i>
ALGERIENSIS FOLIIS VARIEGATIS. Beautifully blotched with white.....each	50 cts.
*DIGITATA, or <i>Finger Leaved.</i> (Rare.).....	50 "
*HELIX. ( <i>English Ivy.</i> ) Fast grower, and most generally used .....	" 25 to 50 "
JAPONICA ARGENTEA. Leaves medium size, variegated with white; delicate grower.....	" 50 "
LOBATA. Cut-leaved; fine for baskets or vases...	" 25 "
*LATIFOLIA MACULATA. Marbled white on the young growth; vigorous grower.....	" 25 to 50 "
MARMORATA ELEGANS. Small silvery-marbled leaves; fine for baskets.....	" 25 "
RÖGNERIANA. Giant-leaved; strong grower....	" 25 to 50 "

## HONEYSUCKLES (LONICERA).

*Price, 25 cts. to 50 cts. each.*

CHINESE EVERGREEN. Best for covering walls, trellises, etc.

Very fragrant, commonly called Woodbine.

BELGIAN, (or *Monthly*). Very fragrant.

SCARLET TRUMPET.

YELLOW TRUMPET.

HALLIEANA. A new white monthly Honeysuckle, raised from seed sent from China, by Dr. Hall, who introduced the variegated Honeysuckle from Japan. It is evergreen, resembling *L. splendida*, or *L. flexuosa*. Flowers pure white, turning to yellow; with the fragrance of the Cape Jessamine; hardy, vigorous grower, and flowers freely.

VARIEGATED. (BRACHYPODIUM AUREA RETICULATA.) This is one of the recent introductions from Japan, the foliage beautifully variegated.



## RHODODENDRONS

*(Importation of 1871.)*

The Rhododendron is one of the most valuable of our hardy decorative Plants. The leaves are broad, green and glossy, and when planted in groups, or belts or alone, give a summer landscape in the midst of winter. Did it produce no flowers, it would be the most desirable hardy plant known, for every style of lawn planting. But when June comes, and these masses of rich and glossy green are surmounted by scarlet, purple and white clusters, each cluster large enough for a lady's bouquet, the display is worthy of any expression of admiration. They bear pruning well, and can be kept down to two feet, or allowed to grow six or eight feet; as standards, they are particularly fine.

They require only a good garden soil, which should be dug at least two feet deep and mixed with some leaf-mould or peat; it is also well to mulch the ground during the summer, and a protection of leaves and brush during the first winter will be beneficial. The finest varieties are the Hybrids of Catawbiensis—of which we offer the following choice-named collection:

*Price, \$1.25 to \$1.50 each; \$12.00 to \$15.00 per dozen.*

- ALARM. White centre, edged with deep carmine.
- ALBUM ELEGANS. Blush, changing to pure white; fine.
- ATRO-SANGUINEUM. Deep blood-red.
- BLANDYANUM. Deep rosy-crimson.
- BRAYANUM. Vivid scarlet; very fine.
- BYLSIANUM. Fine white ground, margin of carmine.
- CONCESSUM. Rosy-carmine; fine.
- CURRIEANUM. Dark rosy-lilac; immense bloom.
- DELICATESSIMUM. Fine white, tinged with rose.
- EVERESTIANUM. Rosy-lilac; crimped petals; fine.
- FASTUOSUM. Double lilac, with large trusses.
- FLEUR DE MARIE. White, margined with bright carmine.
- GIGANTEA. Dark-pink; very large.
- HANNIBAL. Fine, large, rose; good foliage.
- HENDERSONII. Purplish-crimson; late bloomer.
- IGNESCENS. Bright scarlet.
- JEWESS. Rosy-purple, with black spots.
- JOHN WATERER. Brilliant carmine; immense truss.
- LADY ELEANOR CATHCART. Fine rose, beautifully spotted.
- LIMBATUM. Pale blush, bordered with bright crimson.
- MAXIMUM TRIUMPHANS. Dazzling scarlet.
- MRS. JOHN WATERER. Bright rosy-crimson.
- NERO. Fine dark rosy-purple.
- SIR ISAAC NEWTON. Deep-shaded plum-color.
- VICTORIA. Fine claret.
- MINNIE. Blush white, chocolate spots.
- REEDIANUM. Bright red.
- WHITE. (Cunningham's.) Early and free flowering.

Extra fine plants with flower-buds, from 2 to 3 dollars each.

## NATIVE GRAPE VINES.

**CONCORD.** The best hardy grape; succeeds well everywhere; bunches large; berries round, black, covered with a bluish bloom; flavor sweet and sprightly. One-year old vines, 20 cts. each; \$2.00 per dozen; \$10.00 per 100. Two-year old vines, 30 cts. each; \$3.00 per dozen; \$15.00 per 100. Three-year old vines, 50 cts. each; \$5.00 per dozen; \$25.00 per 100.

**DELAWARE.** In quality and flavor of its fruit, it may be pronounced superior to any other native grape yet introduced. Price, 25 cents to \$1.00 each.

**HARTFORD PROLIFIC.** Is of good quality, quite early, hardy, and very productive; considered especially valuable for northern localities; a valuable early market grape; strong vines. Price, 50 cts. each; \$5.00 per dozen.

**IONA.** Bunch large, long, and shouldered; skin thin; flesh tender; flavor rich, sweet, and vinous; color pale red. Price, 50 cts. each; \$5.00 per dozen.

**MARTHA.** A new white grape; a seedling of the Concord, and, like its parent, of strong growth, perfectly hardy, and productive. One-year old vines, from 50 cts. to 75 cts. each; \$1.00 to \$6.00 per dozen. Strong two-year old vines, from \$1.00 to \$1.50 each; \$9.00 to \$12.00 per dozen.

*Also, the following varieties, according to age and size, from 50 cts. to \$1.00 each:*

**CATAWBA.** Light red.  
**CLINTON.** Superior wine grape.  
**CREVELING.** Dark blue.  
**CRISTINE, or TELEGRAPH.** Black.  
**DIANA.** Light red.  
**ELSINGBOROUGH.** Black.  
**EUMELAN.** Black.

**ISRAELLA.** Black.  
**IVES' SEEDLING.** Black.  
**MAXATAWNEY.** Bronze.  
**REBECCA.** White.  
**ROGER'S HYBRIDS.** Nos. 6, 9, 19, 21.  
**SALEM.** Red.  
**WEEHAWKEN.** White.

## FOREIGN GRAPE VINES FOR GROWING UNDER GLASS.

We have a stock of all the best varieties grown from single eyes. Price, 50 cents each; \$4.50 per dozen.

### *Light Colored Varieties.*

**GOLDEN CHASSELAS,**  
**MUSCAT OF ALEXANDRIA,**  
**WHITE FRONTIGNAN,**  
**ROSE CHASSELAS,**  
**GRIZZLY FRONTIGNAN,**  
**CANNON HALL MUSCAT.**

### *Dark Varieties.*

**BLACK HAMBURG,**  
**MUSCAT HAMBURG,**  
**PURPLE DAMASCUS,**  
**BLACK PRINCE,**  
**FRANKENTHAL,**  
**BARBAROSSA.**

## GOLDEN CHAMPION GRAPE. (New.)

This extraordinary grape is exciting much attention in England. In constitution, it is equal to the *Black Hamburg*; it sets freely under the same treatment, ripens earlier, and will keep in condition when ripe as long as that favorite variety; the bunches are large and well shouldered, berries larger than any grape known; flavor new and peculiarly rich. Price, from \$2.00 to \$3.00 each.

## THE STRAWBERRY.

The circumstances of soil and climate greatly influence the varieties of this fruit, both in its productiveness and quality; hence the wide difference of opinion upon their respective merits. Fortunately there are varieties enough to suit all soils and tastes; and each cultivator can, by careful experiment, discover which of the most popular varieties are suited to his circumstances. The best months for planting, in this vicinity, are September and October for the autumn, and March and April in the spring; the spring months are generally preferred by all our extensive fruit growers. When planted in beds for garden culture, the plants can be set from twelve to fifteen inches apart, each way. For field culture, the rows are about three feet apart, and twelve inches in the rows. The following are now the popular and leading sorts:

**AGRICULTURIST.** Fruit very large; flesh dark, firm, juicy, sweet and rich; vigorous and productive. Per dozen, 50 cents; per 100, \$2.00; per 1000, \$10.00.

**ALBANY.** (Wilson's). The great market berry, one of the most profitable for field culture, and for the market-gardener. Per 100 plants, \$1.00; per 1000, \$6.00.

**CHAS. DOWNING.** Fruit very large, deep-scarlet, juicy, sweet and rich; plant vigorous and productive. Per dozen, 50 cents; per 100, \$2.00; per 1000, \$10.00.

**JUCUNDA,** (or *Seven Hundred*). Fruit very large, dark-crimson; flesh solid, white, and juicy; requires a rich, deep, and rather heavy soil, to be productive. Per dozen, 75 cents; per 100, \$3.00; per 1000, \$20.00.

**KENTUCKY.** Valuable as a late-ripening variety. Fruit large, bright-scarlet, firm, excellent quality; plant strong, vigorous grower. Per dozen, 75 cents; per 100, \$3.00.

**LADY FINGER.** Fruit of good size, conical-form, bright-scarlet, firm, and excellent flavor; plant vigorous and productive. Per dozen, 50 cents; per 100, \$1.50; per 1000, \$8.00.

**NEW JERSEY SCARLET.** Fruit bright-scarlet, medium, juicy, sprightly, sub-acid; plant vigorous and moderately productive. Per 100, \$1.50; per 1000, \$8.00.

**PHILADELPHIA.** Very early and productive; fruit of large size and superior flavor. Per dozen, 50 cents; per 100, \$2.00.

**TRIOMPHE DE GAND.** Fruit very large, conical, often cockscomb-shaped, bright glossy-scarlet; flesh very firm, sweet and juicy; a most beautiful variety; requires a heavy soil and good cultivation. Per dozen 50 cents; per 100, \$2.00.

**TRIUMPH OF AMERICA.** Fruit large, light-red, good flavor; plant vigorous and productive. A first rate variety. Per dozen, 75 cents, per 100, \$3.00.

**DR. NICASE.** Very large. Per dozen, \$1.00; per 100, \$4.00.

**FILLMORE.** Dark crimson. Per dozen, 50 cts.; per 100, \$2.00.

**NAPOLEON III.** Large, cockscomb-shaped. Per dozen, \$1.00; per 100, \$4.00.

**PRES. WILDER.** Robust, large. Per dozen, \$1.00; per 100, \$4.00.



## RASPBERRIES.

We have the pleasure of offering several new varieties of great excellence; all of which have proved themselves perfectly hardy in this vicinity. Reports of the HERSTINE and SAUNDERS will be found in the leading Horticultural Journals. They are a cross between the PHILADELPHIA and ALLEN—the one remarkable for its prolific qualities, the latter for its superior flavor.

**HERSTINE.** (New.) Plant a good grower, most abundant and early bearer; fruit large, oblong, with small grains, crimson color, flavor subacid and very good. Price of plants, 50 cts each; \$5.00 per dozen.

**SAUNDERS.** (New.) Fruit very large, round, of a crimson color, with large grains, flavor delicious. Price, 50 cts each; \$5.00 per dozen.

**PHILADELPHIA.** Fruit good size, purplish-red color, rich and juicy; perfectly hardy, and always productive. Price, \$1.00 per dozen; \$5.00 per 100.

**CLARKE.** Fruit bright crimson, finest flavor, very large; hardy and productive; firm for transportation. Price, \$1.00 per dozen; \$5.00 per 100.

**HORNET.** A large French variety. Price, \$2.00 per dozen.

**BRINCKLE'S ORANGE.** A favorite variety. Price, \$2.00 per doz.

**IMPROVED BLACK CAP.** Price, \$1.00 per dozen; \$3.00 per 100.

**DAVIDSON'S THORNLESS BLACK CAP.** Price, \$1.50 per dozen; \$8.00 per 100.

## BLACKBERRIES.

*Per doz. Per 100.*

<b>THE EARLY WILSON,</b> stands foremost on the list as the earliest, largest, sweetest, and most productive .....	\$1 50	\$6 00
<b>KITTATINNY,</b> follows after the Early Wilson; fruit very large, and of superior quality.....	1 00	5 00
<b>LAWTON, OR NEW ROCHELLE.</b> .....	1 00	3 00
<b>DORCHESTER.</b> The earliest variety.....	1 00	3 00

## CURRENTS.

*Per doz. Per 100.*

<b>LARGE RED DUTCH.</b> One of the best and most productive.....	\$1 50	\$8 00
<b>WHITE GRAPE.</b> Great bearer; large and fine.....	2 00	10 00
<b>CHERRY.</b> Very large fruit.....	2 00	10 00
<b>VERSAILLAISE.</b> Very large, similar to the Cherry...	2 00	10 00
<b>FERTILE D'ANGERS.</b> Fine large red.....	2 00	
<b>VICTORIA.</b> Fine large red; very handsome.....	2 00	

## GOOSEBERRIES.

**HOUGHTON'S AMERICAN SEEDLING.** This variety is considered the best for our climate; it is very productive, and not liable to mildew. Per dozen.....\$2.00

**ENGLISH VARIETIES.** Twenty named varieties of choice large sorts, imported from Lancashire. Per doz. \$3; per 100, \$20.

## NEW RASPBERRY, THE HERSTINE.

Another year's trial, with the testimony of the most disinterested fruit growers, has fully satisfied us that we have at last a Raspberry combining all the requisites heretofore wanting, viz., *hardiness and productiveness, with size, bright color, and superior flavor.*

The following is an extract from the report of the Fruit Committee of the Pennsylvania Horticultural Society in 1870:

*"To the President and Members of the Pennsylvania Horticultural Society.*

"GENTLEMEN:—Your Fruit Committee met on July 6th, at 3 p. m., by invitation of D. W. HERSTINE, Esq., at his residence, Old York Road, near Branchtown, to examine, report on, and name some seedling raspberries of his own raising, the result of many years of careful attention to this subject. Your committee were delighted to meet, on this occasion, with several of our most distinguished fruit growers, and, gladly availed ourselves of their experience in forming a correct idea of these seedlings, of the merits of which there was but one opinion. Your committee, out of compliment to the grower, named the number one—

"'HERSTINE.' Plant a good grower; most abundant and early bearer; suckers moderately; canes strong, of a pea-green color, covered with white bloom; spines green, but not abundant; foliage healthy, of medium size, and often lobed, of a pearl-gray color on the under side; fruit large, oblong, with small grains and crimson color; flavor sub-acid, and very good."

The Committee again visited the grounds of Mr. HERSTINE on the 28th of June, 1871, and, in their report, affirm all that was reported at their former visit.

### IT ALSO PROVES A SUCCESS ON SANDY SOIL,

As the following extract from a letter, received by Mr. Herstine from Mr. WILLIAM PARRY, an extensive and practical fruit grower, most satisfactorily proves:

"The HERSTINE Raspberry plants obtained from thee bore a fine crop of fruit last year, and more abundantly this year. They appear to be well adapted to our sandy soil; the canes make a strong, vigorous growth, are now over six feet high, and still growing. We consider them as hardy and productive as the Philadelphia; fruit much larger, firmer, more delicious, and of a beautiful bright-red color. They are the *best Raspberry* for market or home use that we have ever grown here, although we have tested over one hundred varieties.

"WILLIAM PARRY,  
Cinnaminson, N. J."

"8th mo., 11, 1871.

*The Public are cautioned against spurious plants.*—"Root-cuttings" winter propagated and root-pruned plants; they will be found dear at any price.—Our stock is direct from Mr. Herstine; strong well-rooted plants, grown in the open air, and are offered at the following reduced prices for the spring of 1872:

50 Cents each; \$5.00 per Dozen; \$40.00 per hundred.

## FRENCH IMMORTELLS, or EVERLASTING FLOWERS.

*(In Original Bunches as Imported.)*

Blue, black, crimson, green, garnet, lilac, orange, purple, rose, spotted, violet, white and yellow. Each per bunch \$1.00.

## WREATHS or CROWNS OF IMMORTELLS.

*(Yellow.)*

No. 0. 7 inches diameter, \$	60	No. 4. 10 inches diameter, \$	25
No. 1. 8       "       "       "	75	No. 5. 11       "       "	1 50
No. 2. 9       "       "       "	85	No. 6. 12       "       "	1 75
No. 3. 9½     "       "       "	1 00	No. 7. 13       "       "	2 00

## WREATHS OF WHITE IMMORTELLS.

No. 1. 6 inch, single row, \$0	85	No. 4. 10 inch, double row, \$2	00
No. 2. 8       "       "       "	1 00	No. 5. 11       "       "	2 50
No. 3. 9       "       "       "	1 25	No. 6. 12       "       "	3 00

## CROSSES OF WHITE IMMORTELLS.

No. 1. 7 inch, single row, \$0	85	No. 4. 12 inch, double row, \$2	00
No. 2. 9       "       "       "	1 00	No. 5. 15       "       "	2 50
No. 3. 9       "       double row, 1	50	No. 6. 18       "       "	3 00

## BOUQUETS OF IMMORTELLS.

White Immortelles, with ornamental grasses, tastefully arranged...each, \$1 to \$3 00  
 Colored Immortelles,       "       "       "       "       each, 50 cts. to 3 00

## BOUQUET MATERIALS, ETC.

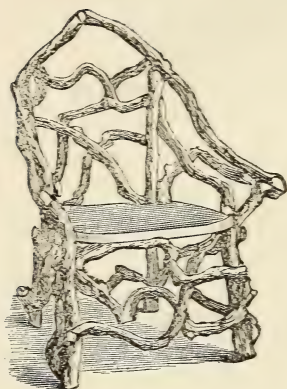
Grasses, dyed of various colors.....	per bunch, \$0	35
"   plain.....	"	25
"   Stipa pennata (Feather Grass), plain.....	"	50
"       "       "       dyed of various colors.....	"	60
Moss, long, dyed green.....	"	30
Bouquet papers, various sizes and patterns.....	per doz., 35 cts. to	1 00
"       fancy, for bridal parties.....	each, \$2 to	5 00
"       with Silk Fringe, White, Pink, and Blue, for bridal parties,	each \$1 25 to	1 50
Silk Cord and Tassels to match the above.....	each	1 00
Paper Leaves, for making Immortelle Bouquets, etc.....	per gross, 10 cts. to	50
Twine, very fine, for making Bouquets.....	per lb.	1 00
Tin-Foil, for Bouquet handles.....	"	60
Wire, for making Bouquets.....	"	50
Glass Tubes, for Bittenhole Bouquets.....	"	20
Ladies' Reservoir Brooch, or Flowerholder.....	60 cts. to	1 25

## BASS, MATS, ETC.

Bass (Cuba), for tying up plants and vines, budding, etc.....	per lb. \$0	60
Bass (American), for tying up plants and vines, budding, etc.....	"	40
Mats (Russian Bass), for tying, etc .....	30 cents each, per dozen	3 00
Mats       "       for covering hot-beds.....	20       "       "	2 00



## RUSTIC WORK,



ARM CHAIRS.

Price.....\$5 50 to \$6 50

SETTEES—SAME STYLE.

Four feet long.....\$8 50

Six feet long..... 12 to 15 00

Rocking Chair..... 8 00



HANGING BASKETS.

*Of various sizes and patterns.*

\$1.25 to \$5.00 each.



PLANT STANDS, of various designs and sizes. Prices from \$5.00 to \$15.00. For other Rustic work, see page 147.

## RUSTIC HANGING-BASKETS, ETC.

No. 1. Round Bowl, plain, 6 in.....	each	\$1 25
No. 2. Round Bowl, plain, 8 in.....	each	1 50
No. 3. Round Bowl, extra, 8 in.....	each	2 50
No. 4. Pentagon Bowl.....	each	1 50
No. 5. Hexagon Bowl.....	each	2 00
No. 6 and 7. Oval Bowl.....	each	\$1 50 to 2 00
No. 8 and 9. Oval Bowl.....	each	2 50 to 3 00
No. 10 and 11. Lawn Baskets.....	each	5 00 to 6 00
Flower Pots, very neat.....	each	1 00 to 2 00
Cut Flower Vases.....	each	1 00 to 3 00
Ivy Pot with Cross.....	each	3 00 to 4 00
Crosses, for pots and cemeteries.....	each	1 00 to 2 00
Fern Stands, for shades.....	each	4 00 to 6 00
Arm Stands, for six pots.....	each	6 00 to 8 00
Large Plant Stands.....	each	5 00 to 20 00
Brackets.....	each	1 50 to 3 00
Arm Chairs.....	each	5 50 to 6 50
Rocking Chairs.....	each	8 00 to 10 00
Settees, four feet long.....	each	8 50
Settees, six feet long.....	each	\$12 00 to 15 00

## PLANT RODS.

*The five and six feet sizes are suitable for Dahlias.*

	Per doz.	Per 100.
Two-feet, painted, white tops (turned).....	\$ 60	\$ 4 50
Three-feet, painted, white tops (turned).....	80	6 00
Four-feet, painted, white tops (turned).....	1 15	8 50
Five-feet, painted, white tops (turned).....	1 40	10 00
Six-feet, painted, white tops (turned).....	1 75	12 00
Two-feet, $\frac{3}{8}$ inch in diameter, painted.....	20	1 50
Three-feet, $\frac{3}{8}$ inch in diameter, painted.....	30	2 00
Three-feet, $\frac{3}{8}$ inch in diameter, painted.....	60	4 00
Four-feet, $\frac{5}{8}$ inch in diameter, painted.....	75	5 00
Twenty inches long, $\frac{1}{4}$ inch in diameter, unpainted.....	10	60
Two feet long, $\frac{3}{8}$ inch in diameter, unpainted.....	15	1 00
Three feet long, $\frac{3}{8}$ inch in diameter, unpainted....	20	1 50
Three feet long, $\frac{3}{8}$ inch in diameter, unpainted....	35	2 50
Four feet long, $\frac{5}{8}$ inch in diameter, unpainted.....	50	3 50

## PLANT AND TREE LABELS (WOOD).

	Per 100.	Per 1000.
Pot or Plant, 4 inches long.....	\$ 25	\$1 25
Pot or Plant, 5 inches long.....	30	1 50
Pot or Plant, 6 inches long.....	35	1 75
Garden or Nursery, 12 inches long.....	1 00	6 00
Tree, notched for wire, 4 inches long.....	25	1 25

**GARDEN & FLOWER TRELLISES—Painted Green.**

No. 0 wide.

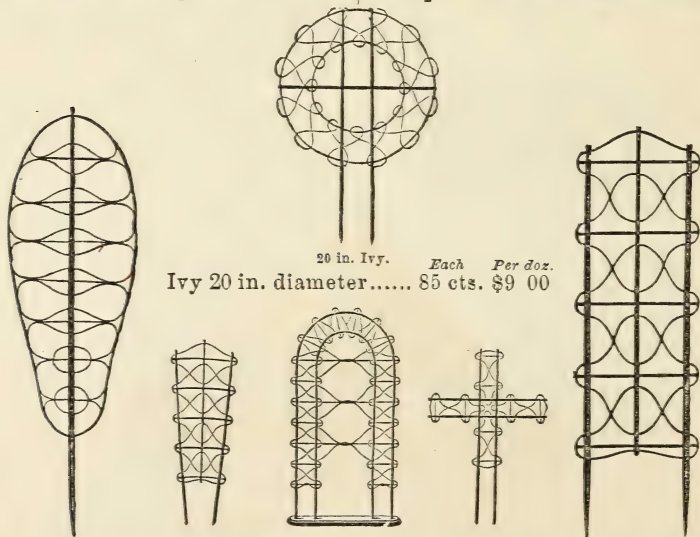
No. 2.

No. 3½.

No. 1.

No. 1½.

		Each	Per doz.			Each	Per doz.
No. 0 wide	24×8 in.	15 cts.	\$1 50	No. 1. wide	30×10 in.	30 cts.	\$2 50
No. 0 "	42×11 "	30 "	3 25	No. 2. "	30×14 "	40 "	4 00
No. 0½. "	24×7½ "	20 "	2 00	No. 3½. "	42×14 "	60 "	5 50




20 in. Ivy.

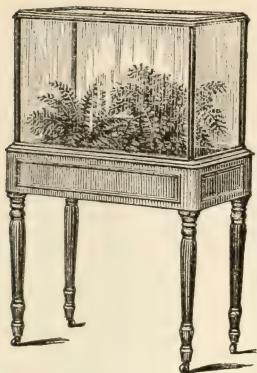
Ivy 20 in. diameter.....

Each Per doz.  
85 cts. \$9 00

No. 5.	2 ft. Veranda.	Arch Top Ivy.	2 ft. Cross.	Veranda.			
5 ft.×18 in.	8½ in. wide.	14 in. wide.	15½ in. wide.	6 ft. Each...	\$1.10		
Each .....80 cts.	24 in. high.	28 in. high.	24 in. high.	Per doz...	11.50		
Per doz.....\$8.00	Each ..... 35 cts.	Each..... \$1.50	Each .....35 cts.	8 ft. Each...	1.50		
	Per doz... \$4.00		Per doz..... \$4.00	Per doz.....	16.00		

 For other styles, sizes, prices, etc., see our Special List.

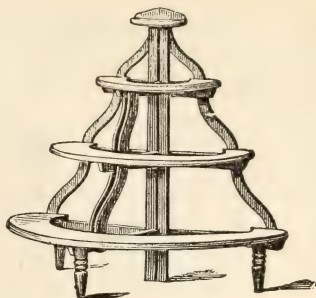




### WARDIAN CASE.

Made in the best manner and style of black walnut. Very popular for the growing of plants, ferns, etc., being under glass. The plants are protected from dust, and require but little care, or water. A movable tray, lined with zinc, contains the pots, or earth; a perfect security against soiling carpets with dirty water; and being upon castors may be moved about as desired. The legs can be disconnected, and the whole makes but a small package for transportation.

Size, 4 feet high, 2½ feet long. Price, \$25.00.



### FOLDING PLANT STAND.

A useful and cheap stand for arranging plants both in and out doors. Neatly made and painted green. The frame folds together, thus making a compact and convenient article for transportation and storage.

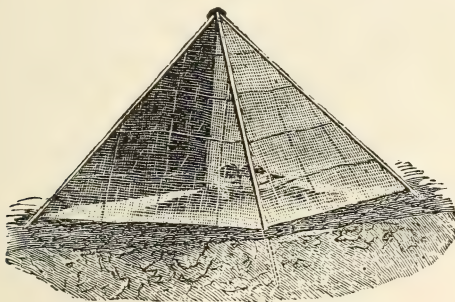
Two sizes, as follows:

36 in. high, 40 in. wide, 4 shelves. Price, \$4.00.

60 in. high, 48 in. wide, 5 shelves. Price, \$6.00.

### NOVELTY PLANT STAND,

With iron bracket arms, which can be arranged so as to form a round, half round, or three-cornered stand; will hold 16 flower-pots. Price, \$11.00.



### BATES' PLANT PROTECTOR,

For protecting Melons, Squash, Cucumbers, and other plants from insects, light frosts, etc., cheap and portable; one dozen will make a package 4 inches square, and 22 inches long. Price, 15 cts. \$1.50 per dozen.

## THE FARMER'S AND GARDENER'S LIBRARY.

At the request of many of our friends, we publish a list of the leading works on Agriculture, Horticulture, and Rural affairs. When ordered by mail, five to twenty-five cents must be added to cost of book, to prepay postage.

American Home Garden (Watson).....	\$2 00
"    Weeds and useful Plants.....	1 75
Allen's Stable Book.....	1 50
"    (R. L.) American Farm Book.....	1 50
"    (R. L.) Diseases of Domestic Animals.....	1 00
"    (L. F.) Rural Architecture.....	1 50
Beecher's (Henry Ward) Fruit, Flowers, and Farming.....	1 50
Barry's Fruit Garden .....	1 75
Bement's (C. N.) American Poulterer's Companion.....	2 00
Breck's Book of Flowers (New Edition).....	1 75
Bridgeman's Kitchen Gardener.....	1 00
"    American Gardener's Assistant (New Edition).....	2 50
Buist's American Flower Garden Directory.....	1 50
"    Family Kitchen Gardener.....	1 00
Burr's Garden Vegetables (Illustrated).....	2 50
"    Vegetables of America (splendidly Illust'd, 667 pp.)	5 00
Canary Birds (paper).....	50
Chorlton's (William) Grape Grower's Guide.....	75
Copeland's Country Life (New Edition).....	5 00
Downing's Fruit and Fruit Trees of America (Revised Ed.)	7 50
"    Cottage Residences.....	3 00
"    Landscape Gardening (New Edition).....	6 50
"    Ladies' Companion to the Flower Garden.....	2 00
Dadd's American Cattle Doctor.....	1 50
"    Modern Horse Doctor.....	1 50
Dana's Muck Manual.....	1 25
Darwin's Animals and Plants under Domestication. 2 vols.	6 00
Eastwood (B.) On the Cultivation of the Cranberry.....	75
French's Farm Drainage.....	1 50
Field's Pear Culture .....	1 25
Flint on Grasses (New Edition).....	2 50
"    Milch Cows, and Dairy Husbandry .....	2 50
Fuller's Grape Culturist.....	1 50
"    Strawberry Culture.....	20
"    Small Fruit Culturist.....	1 50
"    Forest Tree Culturist.....	1 50
Gardening for the South (Wm. N. White).....	2 00
Grant's Beet Root Sugar.....	1 25
Guenon's Treatise on Milch Cows .....	75
Grape Culture and the Strawberry (R. Buchanan).....	75
Harris' Insects Injurious to Vegetation.....	4 00
Herbert's Hints to Horsekeepers .....	1 75
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Hoopes' (Josiah) Book of Evergreens....	3 00
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How to Buy a Farm and Where to Find One.....	\$1 75
How Plants Grow (Gray).....	1 25
Johnson's Agricultural Chemistry.....	1 75
"    Peat and its Uses.....	1 25
Kern's Practical Landscape Gardening.....	2 00
Kemp on Landscape Gardening.....	2 00
Lindley's Horticulture (Downing).....	2 00
Langstroth on the Hive and Honey Bee.....	2 00
Leuchar's How to Build and Ventilate Hot-Houses.....	2 00
Mayhew's Illustrated Horse-Doctor.....	3 00
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Parkman's Book of Roses.....	1 50
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"    Hardy and Tender Bulbs.....	3 00
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"    Sheep Husbandry in Texas.....	1 50
River's Miniature Fruit Garden.....	1 00
Randolph's Parlor Gardener.....	1 00
Rose Culturist (paper).....	30
Saunder's Domestic Poultry (paper) 40 cents; (cloth).....	75
Song Bird Fancier.....	25
Squashes, How to Grow Them (paper).....	30
Strong (W. C.) Culture of the Grape.....	3 00
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Ten Acres Enough.....	1 50
Villas and Cottages.....	3 00
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Waring's Elements of Agriculture.....	1 00
"    Draining for Profit and Health.....	1 50
Woodward's Graperies.....	1 50
"    Country Houses.....	1 50
"    Rural Art.....	1 00
Youatt, Breeds and Management of Sheep.....	1 00
"    and Martin on Cattle.....	1 50
"    and Spooner on the Horse.....	1 50
"    and Randall, Shepherd's Own Book.....	3 00
Young Farmer's Manual and Workshop. New Edition, 2 vols.....	5 00



## NEW BOOKS AND OTHERS OF SPECIAL MERIT OMITTED IN GENERAL LIST.

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Emerson's Farmer's and Planter's Encyclopædia.....	6 00
Fulton's Peach Culture.....	1 50
Henderson's (P.) Practical Floriculture.....	1 50
Johnson's (Mrs. S. O.) Every Woman her own Flower-Gardener	50
Merrick, On the Strawberry.....	1 00
Norris' American Fish Culture .....	1 75
Quinn (E. D.), Money in the Garden.....	
Rand's Rhododendrons.....	1 75
Rand's Seventy-Five Popular Flowers.....	1 50
Thomas' Farm Implements and Machinery.....	1 50
White's Cranberry Culture.....	1 25
William's Window Gardening.....	1 50
William's (B. S.) Choice Stove and Greenhouse Plants. 2 vols.	5 00
“ “ Orchid Grower's Manual.....	2 50
“ “ Select Ferns and Lycopods.....	2 50
Wright's Practical Poultry-keeper.....	2 00

## BOWERS' COMPLETE MANURE AND FERTILIZER.

Prepared for the Use of Gardeners and Amateurs.

A cheap and portable Manure for the Flower and Kitchen Garden, Fruit Trees, Grape Vines, etc. Three-pound packages, 25 cents; 10 lbs., 60 cents; 25 lb. bags, \$1.25. Directions will accompany each package.

## WHALE OIL SOAP.

*An Effectual Remedy for Destroying Insects on Plants,  
Trees, Vines, etc.*

For washing down the bark of Trees, Grape Vines, destroying the Aphis or Plant Louse, Slugs on Roses, Thrips on Grape Vines, Mildew, Slugs on Pear Trees. In cans, at 40 cents, 75 cents, and \$1 each, with directions.

## Gishurst's Compound for Destroying Insects.

This is extensively used in England and on the Continent for the destruction of the Green, Brown, and Black Fly, Mildew, and Thrips, Mealy Bug, and Scale. Per Box, \$1.00.

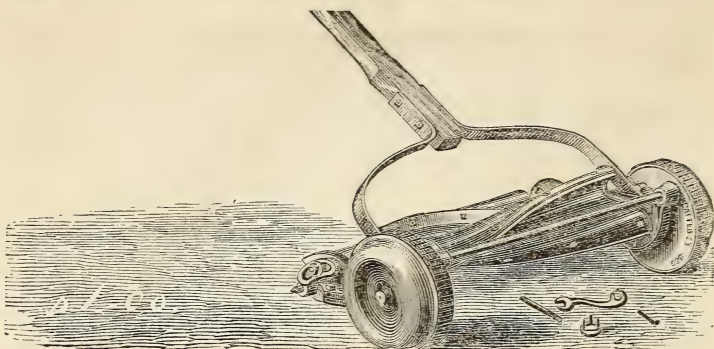


## THE FOUNTAIN PUMP.

Cheap, simple and effective for watering and syringing plants; not liable to get out of order, being made of brass, with India-rubber Hose to draw the water. Price, \$9.00.

## HORTICULTURAL IMPLEMENTS.

Averancator, or Tree Pruning Shears, for poles.....	\$2 50 to \$4 00
"    Large size, sliding cut,    "    .....	6 00 to 8 00
Hedge, or Box Shears.....	1 50 to 3 00
Lawn Shears, with two wheels.....	4 00
Grass Border Shears, plain.....	3 00
"    "    with wheel.....	3 50
Ladies' Garden or Box Shears.....	1 50 to 2 00
Long-Handled Lopping Shears .....	2 50 to 4 00
Hand-Pruning Shears, serviceable for Pruning Fruit Trees, Grape Vines, etc.....	1 50 to 3 00
Hand-Pruning Shears, with sliding cut.....	2 00 to 3 50
Vine Scissors, for thinning out grapes.....	1 00 to 1 50
Grass Edging Knives, for paring the edges of grass..	1 50 to 2 50
"    Shears, with springs.....	1 50
Flower Scissors or Gatherers, for cutting and hold- ing the flowers.....	50 to 2 00
Pruning Scissors, bow handles.....	75 to 1 75
"    sliding cut, bow handles.....	3 00 to 4 00
Pruning Knives, various patterns (Saynor's).....	1 25 to 1 75
"    "    (Hall's and others).....	50 to 1 00
Grafting    "    .....	75
Budding    "    various patterns (Saynor's).....	1 25 to 1 50
"    "    (Hall's and others).....	75 to 1 50
Asparagus    "    .....	85
Pruning Saws, from 14 to 20 inches.....	1 00 to 2 00
Grafting    "    .....	1 50
Pruning    "    with sockets for long handles.....	2 00 to 3 00
Garden Rakes, wrought-iron.....	50 to 1 25
"    "    cast-steel.....	80 to 1 50
"    Reels, to wind and carry line.....	1 00 to 1 75
"    Lines, 90, 180 to 300 feet .....	65 to 3 00
"    Trowels.....	30 to 1 50
"    Forks.....	40 to 1 25
English Lawn Rakes.....	3 50 to 4 00
"    Patent Rivet Back Lawn Scythes .....	1 75 to 2 75
"    "    "    "    Grass Hooks.....	80 to 1 00
"    Plain    "    "    "    .....	60 to 80
Spading or Garden Forks.....	1 25 to 2 00
Watering Pots.....	1 00 to 4 00
Garden Hoes, cast-steel, all sizes.....	40 to 1 00
Dutch or Scuffle Hoes, best cast-steel... ..	60 to 1 50
Ladies' and Children's Garden Tools, in sets.....	1 50 to 8 00
Green-House Syringes, of brass, Reid's Patent, with two extra rose attached, ball valve.....	8 00 to 10 00
Green-House Syringes, brass, for ladies.....	2 50 to 5 00
"    "    tin, brass tops and valves..	1 25
Brier and Bill Hooks .....	1 50 to 2 50
"    Scythes.....	2 00
Welsh Scythe Stones.....	30
Daisy Grubs.....	75 cts.
Dock Extractors.....	2 50
Dibbles for Transplanting.....	50 to 1 00
Fruit Gatherers with poles (patent) .....	3 00 to 3 50



## THE PHILADELPHIA LAWN MOWERS,

Nos. 1 Jr. and 2 Jr.

Nearly all machines used in mowing lawns are much heavier than is necessary, and more labor is expended in moving them, on account of their weight, than should be. To overcome this objection the above sized Machines have been introduced, and we can say that they have fully met our expectations—being quite equal in strength and durability, and in practical usefulness, to any Lawn Mower in the market.

We think all who use them will pronounce them as we do—

### *PERFECT LAWN MOWERS.*

**The No. 1 Jr.** cuts 14 inches wide, and weighs about 36 lbs. The drive wheels are  $6\frac{1}{2}$  inches diameter, the gearing is effectually concealed. The knives are made of the best cast steel; and the Machine is so compact and strong that it is almost impossible to derange the parts by any reasonable amount of abuse. It is intended for small lawns and grass plots, and can be easily worked by a boy of fourteen. Price, \$20.00.

**The No. 2 Jr.** cuts 16 inches wide and weighs about 40 lbs. In other respects it is the same as the No. 1 Jr., and is the best size for general purposes. Price, \$25.00.

We warrant them both, in grass not over five inches high, to run easier than any other make, cutting 14 inches.

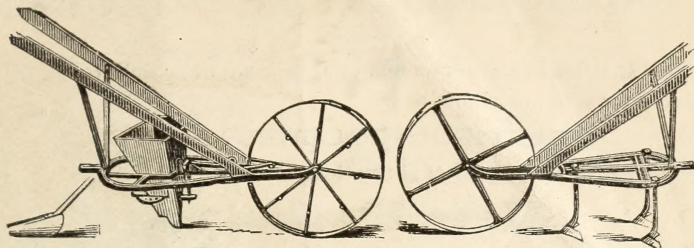
Each Machine is boxed ready for shipment, with directions for operating.

The following sizes are made in addition to the above :

No.	Width of cut.	Weight.	Price.
	10 in.	28 lbs.	\$ 15.00
1.	15 in.	65 lbs.	25.00
2 $\frac{1}{2}$ Cog gear.	30 in.	275 lbs. Pony.	90.00
3.	36 in.	475 lbs. Horse.	150.00



## COMSTOCK'S SEED SOWER AND CULTIVATOR COMBINED.



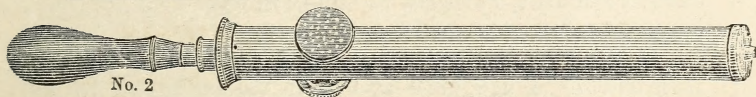
AS A SEED SOWER.

AS A CULTIVATOR.

This is a new and most perfect small Seed Sower, combined with the Cultivator and Weeder, and can be separated or attached in five minutes. It sows Beet, Parsnip, and other difficult seeds, with the greatest regularity, without waste or clogging, and is specially adapted to sowing Onion at the rate of 4, 5, or 6 pounds to the acre. As a Weeder and Cultivator there is none equal to the above, and by a recent improvement it has been adapted to the cultivation of Rice, and will be a valuable implement for the Rice planter of the South.

Price, \$15.35. The Seed Sower only, \$10.35. Hand Cultivator and Weeder, without Seed Sower, \$9.25. Circular with directions, description, prices, etc., mailed to applicants.

## AMERICAN IMPROVED BRASS GARDEN SYRINGES.



No. 0.	Garden, rough finish, same size as No. 1.....	\$ 2 50
No. 00.	Garden, rough finish, one size larger... ..	3 50
No. 1.	Garden, polished .....	3 50
No. 2.	Conservatory, with two extra roses.....	5 00
No. 3.	Green-house, with two extra roses (plate valve)....	6 50
No. 4.	Green-house, with three extra roses, to fit in handle	8 00
No. 5.	Green-house, with two extra roses (ball valve).....	8 00
No. 7.	Green-house, with knuckle-joint (ball valve).....	10 00
No. 8.	Cotton Planter's, extra large and strong.....	9 00

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GARDEN AND FLOWER SEEDS,

WITH DIRECTIONS FOR THEIR CULTIVATION.

PRICE LIST FOR MARKET GARDENERS.

HORTICULTURAL IMPLEMENTS.

1872	Sun.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.
JAN..	...	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	...	...	...
FEB..	...	...	...	...	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	...	...
MAR..	...	...	...	...	...	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31	...	...	...	...	...	...
APRIL	...	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	...	...	...	...
MAY..	...	...	...	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	...
JUNE	...	...	...	...	...	...	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	...	...	...	...	...	...

1872	Sun.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.
JULY.	...	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	...	...	...
AUG..	...	...	...	...	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
SEPT.	...	...	...	...	...	...	...
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	...	...	...	...	...
OCT..	...	...	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	...	...
NOV..	...	...	...	...	...	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
DEC..	...	...	...	...	...	...	...
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	...	...	...	...